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**FLORA OF THE SHARK BAY WORLD HERITAGE AREA AND
ENVIRONS**

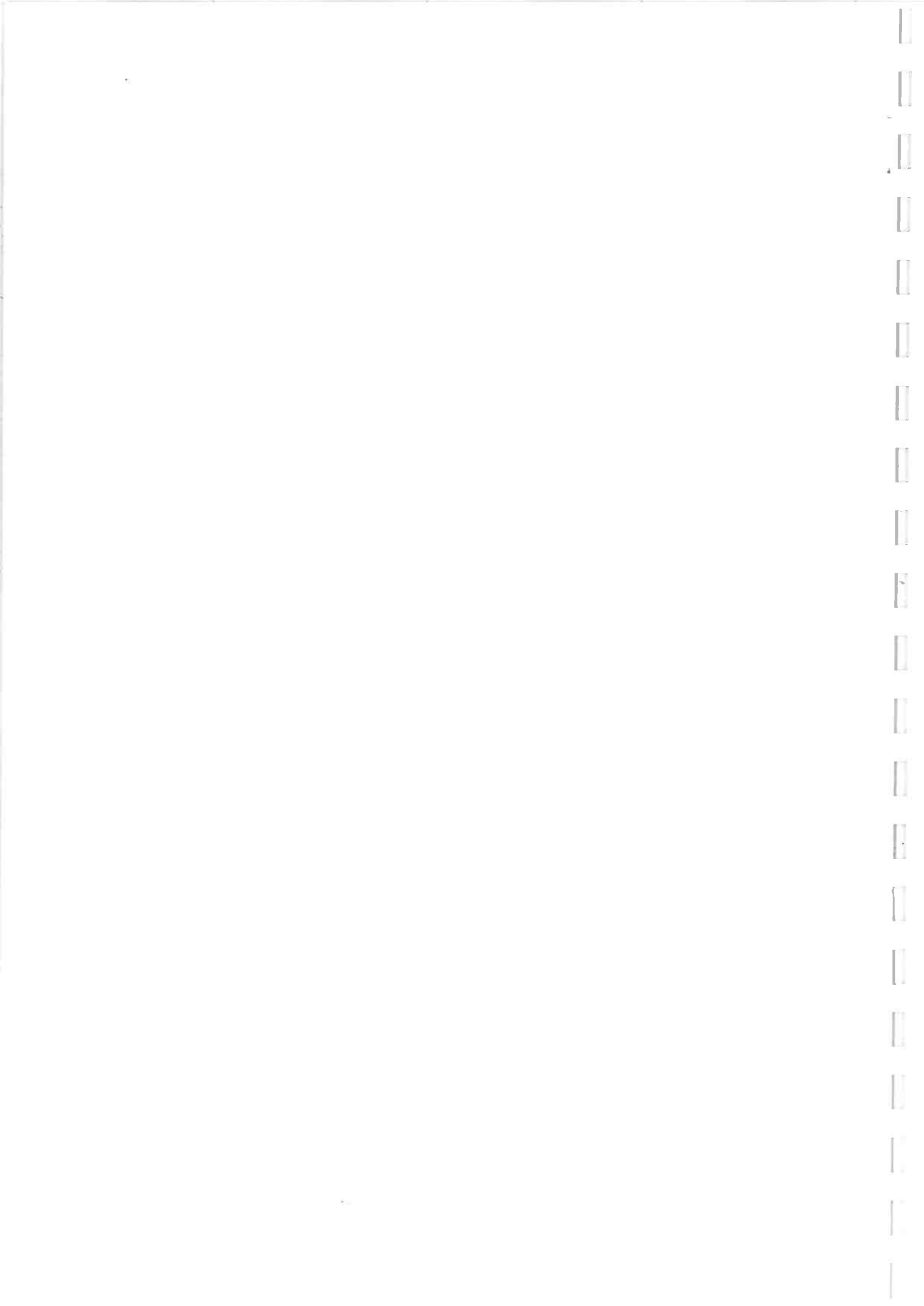
M.E. TRUDGEN and G.J. KEIGHERY

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FLORA OF THE SHARK BAY WORLD HERITAGE AREA AND ENVIRONS

By
M.E. Trudgen 1 and G.J. Keighery 2

- 1) Consultant Botanist, 90 Arkwell St., Willagee, Western Australia, 6156
- 2) Science and Information Division, Department of Conservation and Land Management, P.O. Box 51, Wanneroo, Western Australia, 6065

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SUMMARY

This report presents a baseline listing of the vascular plants of the Shark Bay World Heritage Area, resulting from field survey (mainly on the peninsulas) and extensive background study in the Western Australian Herbarium.

Currently we list 855 taxa of vascular plants from the area, a considerable increase on the 673 previously recorded.

The area has 53 vascular plant taxa endemic to the area. 229 taxa are at their northern range limits and 56 at their southern range limits, establishing that it is a major transition zone between the arid and temperate regions of Western Australia.

An annotated flora list provides preliminary information on the geographic occurrence of each taxon in the area and flora lists for all conservation reserves in the area.

PART ONE: SYNOPSIS OF THE VASCULAR FLORA OF THE SHARK BAY WORLD HERITAGE AREA

METHODS

The results of a botanical survey of the Shark Bay World Heritage Area are presented in Part two. Listed in systematic order under families are all vascular plant taxa recorded within the area till October, 1994.

Part Two also includes those taxa listed in Keighery (1990) which have been deleted from the current list, with reasons for their deletion.

As a comparison to the previous list in Keighery (1990) occurrences of the taxa are listed in essentially the same geographic regions (see map), corresponding to the World Heritage area, except for region 5 which lists land from the North West Coastal Highway to the sea. The shifting of the provisional boundary to the high water mark came too late for this report, and it is considered that many of the taxa listed for area 5 only will eventually be recorded in the World Heritage area, so these listings are retained for future reference.

Records of occurrence in CALM reserves, where known, are also given, however, these are only provisional listings. Records of the taxa in Cape Range National Park and Kalbarri are also given as an indication of conservation status elsewhere in the Gascoyne Region.

RESULTS

GENERAL FLORA RECORDS

Currently 4 ferns, 2 Gymnosperms, 132 Monocotyledons (26 naturalised aliens) and 717 Dicotyledons (38 naturalised aliens) have been recorded in the World Heritage area and environs. This gives a vascular flora list of 855 taxa, of which 64 are naturalised weeds. This is a considerable increase on the 673 taxa recorded in the area by Keighery (1990).

The largest families are the Poaceae with 62 taxa, the Asteraceae with 95, the Myrtaceae with 69, the Chenopodiaceae with 63 and the Proteaceae with 40. The largest genera are *Acacia* (33 taxa), *Ptilotus* (22), *Eremophila* (21) and *Eucalyptus* (16).

As a measure of the current state of knowledge of the flora we compared those species recorded in only one zone

Area 1: 14 singletons
Area 2: 37
Area 3: 13
Area 4: 32
Area 5: 41
Area 6: 215

Area 7: 5

Of the 855 taxa recorded from the World Heritage Area 367 are known only from one zone. This can be partially explained by the unevenness of survey effort in such a large and relatively inaccessible area. However, if we consider each of the regions separately the patterns can be better understood.

Area 1 has been the subject of a biological survey, with numerous subsequent visits by biologists adding to opportunistic collecting, and is small in area. The singletons are largely tropical taxa at their range ends, and this group may define this area.

Area 2 (Dirk Hartog Island) has also been subject to biological survey undertaken during an exceptionally wet year. We can confidently expect that many of the records for this area will occur in area 3, the peninsula below it.

The singletons of Area 3 are largely southern species recorded for the first time during the present survey, most will occur in area 6.

Area 4 contains the main road and settlements, hence it has been subject to opportunistic collecting for many years. Also many of the singletons here are weeds from road verges and the towns.

Area 5 contains a large number of tropical and arid heavy soil species, currently not known elsewhere in the area. We predict that surveys on Faure Island, and on the coast around Hamelin Pool (Areas 4 and 5) will record many of these taxa, within the current boundaries of the World Heritage Area.

Area 6 contains most of the southern taxa at their northern range ends, this is a real pattern, not an artefact of survey effort. This will probably increase with further survey effort.

Area 7 has been subject to a detailed biological survey, many of the few singletons will be found on the adjacent mainland.

CONSERVATION AREAS

Currently 49 taxa (5 Monocots, 44 Dicots) have been recorded in Bernier Island Nature Reserve, 117 (14 and 103) in Dorre Island Nature Reserve, 215 (40 and 175) in Francois Peron National Park, 70 (18 and 52) in Shell Beach Conservation Park, 87 (20 and 67) on the Freycinet Inlet Nature Reserves, 68 (10 and 58) in Cooloomia Nature Reserve and 101 (19 and 82) in Zuytdorp National Park. These totals are very provisional and survey work planned for Spring 1995 in the poorly known Zuytdorp area will greatly increase this parks total flora.

SIGNIFICANT TAXA

Currently two species, (*Eucalyptus beardiana* and *Plectrachne bromoides*) declared rare under the Wildlife Conservation Act have been recorded in the World Heritage area. *Plectrachne bromoides* was presumed extinct until this survey.

There are however, 46 CALM priority taxa: *Abutilon* sp "Hamelin", *Acacia didyma*, *Acacia drepanophylla*, *Acacia isoneura* ssp "nimia", *Acacia "plautella"*, *Acacia sclerosperma* ssp *glaucescens*, *Acacia "subrigida"*, *Angianthus microcephalus*, *Anthocercis intricata*, *Anthotroche walcottii*, *Arnocrinum drummondii*, *Calocephalus aervoides*, *Chamelaucium "conostigium"*, *Chamelaucium "oenanthum"*, *Chthonocephalus muellerianus*, *Chthonocephalus oldfieldianus*, *Chthonocephalus*

spathulatus, *Chthonocephalus tomentellus*, *Dicrastylis linearifolia*, *Eremophila "cuneata"*, *Eremophila glabra* ssp "Dirk Hartog", *Eremophila "physocalyx"*, *Gnephosis* sp "Billabong", *Grevillea rogersoniana*, *Grevillea stenostachya*, *Lepidobolus "densus"*, *Macarthuria intricata*, *Malleostemon* sp "Cooloomia", *Malleostemon* sp "Nerren Nerren", *Melaleuca huegelii* ssp *pristicensis*, *Newcastelia chrysophylla*, *Pityrodia cuneata*, *Pityrodia glabra*, *Ptilotus alexandri*, *Ptilotus stirlingii* ssp *pumilus*, *Rhodanthe oppositifolia* ssp *ornata*, *Schoenia filifolia* ssp *arenicola*, *Sclerolaena stylosa*, *Sondottia glabrata*, *Tetragonia* sp "Hamelin", *Thryptomene* sp "Carrarang", *Thryptomene* sp "Steep Point", *Thryptomene strongylophylla* ssp "Tamala", *Verticordia cooloomia*, *Verticordia dichroma* var *dichroma*, *Verticordia dichroma* var *syntoma* present in the area (Atkins, 1994). About 20% of these taxa were added to the priority list as a result of this study. This reflects the limited knowledge of the distribution and population sizes of most of the vascular plants of the area. Further survey effort is required to establish how many of these taxa (and the endemics listed in this report) should be declared rare, most of the endemics should be added to the priority list if not on it already.

ENDEMIC FLORA

The following taxa appear to be endemic to the World Heritage Area :

PROTEACEAE: *Adenanthos acanthophyllus*, *Grevillea rogersoniana*, *Grevillea* sp "Shark Bay" (Trudgen 7553)

CHENOPODICEAE: *Atriplex paludosa* ssp *moquiniana*

AMARANTHACEAE: *Ptilotus alexandri*, *Ptilotus divaricatus* var *rubrescens*, *Ptilotus grandiflorus* var *lepidus*, *Ptilotus obovatus* var *laucifolius*, *Ptilotus stirlingii* var *pumilus*, *Ptilotus* sp aff *gaudichaudii* (Trudgen 7480)

AIZOACEAE: *Tetragonia* sp "Hamelin" (Trudgen 8000)

PORTULACACEAE: *Calandrinia* sp nov (Alford 1376), *Calandrinia* sp aff *pumila* (Andenberg 206)

MIMOSACEAE: *Acacia ambloyphylla*, *Acacia idiomorpha* var nov (Trudgen 7491)

CAESALPINIACEAE: *Senna* sp "Tamala"

FABACEAE: *Swainsona longicarinata*, *Swainsona* sp "Shark Bay" (Trudgen 5788)

EUPHORBIACEAE: *Beyeria cyanescens*, *Phyllanthus* sp nov (Trudgen 7563)

SAPINDACEAE: *Diplopeltis intermedia* var "glabra" (Trudgen 7274)

MYRTACEAE: *Calothammus formosus* ssp *formosus*, *Eucalyptus eudesmoides* ssp *sellachiana*, *Eucalyptus roycei*, *Lamarchea hakeifolia* var *hakeifolia*, *Malleostemon* sp "Cooloomia" (Hopper 1353), *Melaleuca huegelii* ssp *pristicensis*, *Meleleuca* sp 1 (CA Gardner 13412), *Melaleuca* sp 2 (J.S.Beard 6768), *Melaleuca* sp 3 (Trudgen sn), *Thryptomene strongylophylla* ssp "Tamala" (Trudgen 7348), *Thryptomene* sp "Carrang" (Trudgen 7420), *Thryptomene* sp "Steep Point" (Trudgen 7421), *Verticordia cooloomia*

APIACEAE: *Trachymene elachocarpa*

BORAGINACEAE: *Halgania littorea*

CHLOANTHACEAE: *Dicrastylis* sp "Shark Bay" (Alford 1318), *Dicrastylis* sp "Peron" (Trudgen 7373), *Pityrodia glabra*

LAMICEAE: *Hemiandra* sp 1 (J.S.Beard 7059), *Hemiandra* sp 2 (Trudgen sn)

MYOPORACEAE: *Eremophila "cuneata"*, *Eremophila glabra* ssp "Shark Bay" (Trudgen 7473)

ASTERACEAE: *Angianthus* sp (A.S.George 11471), *Angianthus* sp (A.S.George 11362), *Olearia occidentissima*, *Rhodanthe cremea*, *Rhodanthe oppositifolia* ssp *ornata*, *Rhodanthe* sp "Overlander" (P.S.Short 2096), *Sondottia glabrata*, *Trichanthodium scarlettianum*.

This total of 53 taxa is again a large increase on the 28 taxa listed in Keighery (1990) and reflects the increased survey effort in this report and the sorting of most potential taxonomic problems at the Western Australian Herbarium by the authors.

This mammoth task was not able to be undertaken in 1988. Interestingly there are no Monocotyledons listed as endemics, Nearly all the endemics are shrubs or annual herbs.

Only 35 endemics are listed at the specific level, most endemics are distinctive geographic races (varieties or subspecies) of more widespread species. This indicates that the area is a region of recent speciation aided by the fluctuating climate. Of these taxa 25 are not formally named, an indication of the need for further taxonomic study of this area which is still inadequately known. Several of these taxa are currently being prepared for publication by the authors, or have been sent to experts in these groups.

GEOGRAPHICALLY SIGNIFICANT RECORDS

Thirty six Monocotyledons reach the northern limits of their ranges in the area, as do 193 taxa of Dicotyledons. Six taxa of Monocotyledons and 50 taxa of Dicotyledons reach their southern limits within the World Heritage area. Again this is a considerable increase on the 145 at their northern limits and the 39 at their southern limits listed in Keighery (1990).

WEEDS

64 species have already been recorded for the area. It can be expected that there will be further weeds recorded around the townsites and road verges. For example there are no *Trifolium* species on the list.

Major Weeds

The most widespread weeds on the mainland are unpalatable weeds that have increased during grazing, especially *Brassica tournefortii* (Prickly Turnip) and to a lesser extent *Sisymbrium irio*. These weeds have been observed to replace native annuals in *Acacia* shrublands. In the light of this observation the cessation of grazing in the shrublands of Francois Peron National Park must be monitored. Double Gees (*Emex australis*) have also been observed to be spreading in the Park. Control at amenity areas now has a good chance of limiting this spread.

Limestone headlands, an uncommon feature in some areas are frequently severely invaded by annual weeds including thistles such as *Urospermum picroides* and *Centaureum melitensis* and the Caryophyllaceous weed *Polycarpon teraphyllum*. Reasons for these invasions are obscure at present and should be studied.

Potentially Serious Weeds

Two taxa are of concern:

Cenchrus ciliaris (Buffel Grass), which can replace native *Triodia* grasslands after frequent fires and grazing.

Rumex vesicarius (Rosy Dock), a highly invasive perennial herb present around Denham on road verges.

Many of the offshore islands have been grossly disturbed by guano mining, and have numerous annual weeds present, including *Chenopodium murale* and annual grasses such as *Avena barbata*, *Ehrharta longiflora* and *Hordeum leporinum*. These are probably of minor concern at present, however, *Lycium ferocissimum* (Box Thorn) has been recorded on the mainland. This major weed of offshore islands elsewhere should be eradicated to prevent it colonizing the islands in Shark Bay.

FUTURE STUDIES

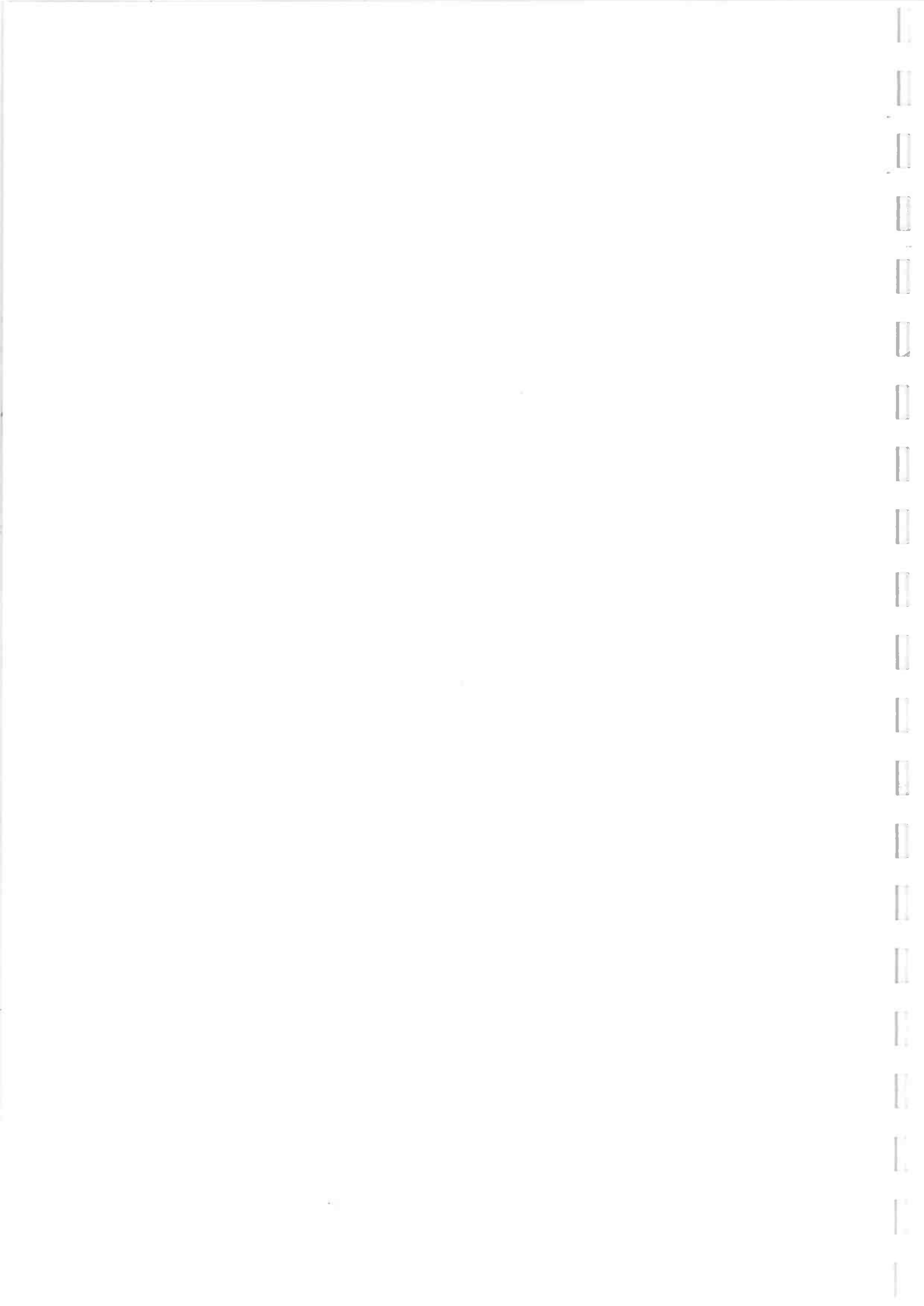
There is a major field effort planned in 1995 in the Zuytdorp area (including the proposed additions). This should add greatly to our knowledge of the flora of this poorly known park, and will probably add many new records to the area. Other areas which require further survey are Faure and Pelican Islands and the shore around Hamelin Pool.

REFERENCES

Atkins, K.J. (1994) Department of Conservation and Land Management, Declared Rare and Priority Flora List, 2/11/1994.

Beard, J.S. (1976) The Vegetation of the Shark bay and Edel Areas. Vegmap Publications, Perth.

Keighery, G.J. (1990) Vegetation and Flora of Shark Bay, Western Australia pp. 61-88 in P.F. Berry, S.D. Bradshaw and B.R. Wilson (eds). Research in Shark Bay. Western Australian Museum, Perth.



PART TWO

Annotated List of the Vascular

Plants of the Shark Bay

World Heritage Area

Malcolm Trudgen and Greg Keighery

Key:

Taxon: Species, subspecies or variety, including currently unnamed entities
* = naturalized alien

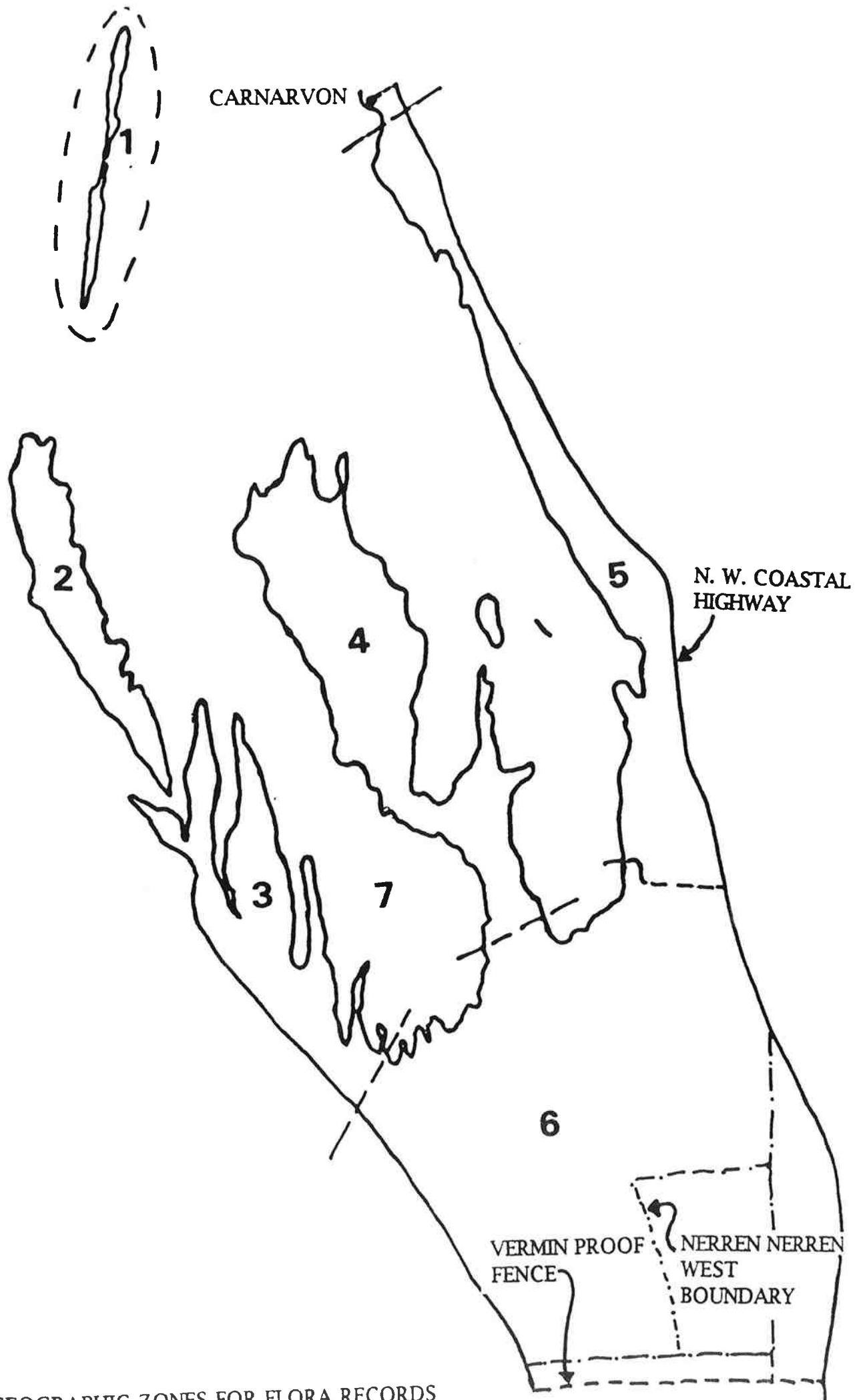
Areas Recorded:

- 1: Bernier/Dorre Island
- 2: Dirk Hartog Island
- 3: Edel Land
- 4: Peron Peninsular
- 5: Coastal Strip - Carnarvon to Denham turnoff
- 6: Southern Area: sthn. section of Nanga Station, Western Hamelin, Station, Tamala Station, Coburn Station, Zuytdorp National Park, Cooloomia Nature Reserve and associated Vacant Crown Land.
- 7: Freycinet Inlet Islands (26 in total)

Conservation Areas:

- BINR: Bernier Island Nature Reserve
DINR: Dorre Island Nature Reserve
FPNP: Francois Peron National Park
CRNP: Cape Range National Park
CNR: Cooloomia Nature Reserve
FINR: Freycinet Inlet Nature Reserves
SBCP: Shell Beach Conservation Park
KNP: Kalbarri National Park

Comments: Explains changes to past lists, geographical or taxonomic notes.



GEOGRAPHIC ZONES FOR FLORA RECORDS

FERNS

Taxon: *Ophioglossum gramineum*

Areas Recorded: 2, 4

Conservation Area Records: CRNP, FPNP

Comments: Previously determined as *Ophioglossum lusitanicum* ssp *coriaceum*

Taxon: *Ophioglossum lusitanicum*

Areas Recorded: 1, 6

Conservation Area Records: BINR, CRNP

Comments: Previously determined as *O. coriaceum* or *O.? lusitanicum*

Taxon: *Marsilea exarata*

Areas Recorded: ?5

Conservation Area Records: KNP

Comments: Collected just outside area 5

Taxon: *Marsilea hirsuta*

Areas Recorded: 6

Conservation Area Records: CRNP

Comments: Previously determined as *M. mutica*

CYMNOSPERMS

CUPRESSACEAE

Taxon: *Actinostrobus arenarius*

Areas Recorded: 6

Conservation Area Records: ZNP

Comments: Near Northern limit of species range, in Zuytdorp National Park

Taxon: *Callitris glaucophyllus*

Areas Recorded: 6

Conservation Area Records: -

Comments: Previously determined as *Callitris columellaris*. Map in revision of this group includes World Heritage area, but no material at PERTH is within area. Seen on west side of Nerren Nerren Station

MONOCOTYLEDONS

TYPHACEAE

Taxon: *Typha domingensis*

Areas Recorded: 6

Conservation Area Records: -

Comments: Only record from an artificial wetland (Hamelin Pool)on Hamelin Station

POTAMOGETONACEAE

Taxon: *Potamogeton pectinatus*

Areas Recorded: 6

Conservation Area Records: -

Comments: Only record for area from Hamelin Pool, Hamelin Station

RUPPIACEAE

Taxon: *Ruppia polycarpa*

Areas Recorded: 1, 2, 3, 4

Conservation Area Records: FPNP

Comments: -

Taxon: *Ruppia tuberosa*

Areas Recorded: 3

Conservation Area Records: -

Comments: Type from Useless Loop

ZANICHELLIACEAE

Taxon: *Lepilaena preissii*

Areas Recorded: 6

Conservation Area Records: -

Comments: Occurs in Hamelin Pool, Hamelin Station

POSIDONIACEAE

Taxon: *Posidonia angustifolia*

Areas Recorded: 2, 3, 4

Conservation Area Records: -

Comments: Marine flowering plant

Taxon: *Posidonia australis*

Areas Recorded: 2, 3, 4

Conservation Area Records: -

Comments: Marine flowering plant

Taxon: *Posidonia coriacea*

Areas Recorded: 2, 3, 4

Conservation Area Records: -

Comments: Marine flowering plant

Taxon: *Posidonia sinuosa*
Areas Recorded: 2, 3, 4
Conservation Area Records: -
Comments: Marine flowering plant

CYMODOCEAE

Taxon: *Amphibolus antarctica*
Areas Recorded: 1, 2, 3, 4
Conservation Area Records: -
Comments: Marine flowering plant

Taxon: *Amphibolus griffithii*
Areas Recorded: 1, 2, 3, 4
Conservation Area Records: -
Comments: Marine flowering plant

Taxon: *Cymodocea angustata*
Areas Recorded: 2, 3, 4
Conservation Area Records: -
Comments: Marine flowering plant

Taxon: *Cymodocea serrulata*
Areas Recorded: 3, 4
Conservation Area Records: -
Comments: Marine flowering plant

Taxon: *Halodule uninervis*
Areas Recorded: 3, 4
Conservation Area Records: -
Comments: Marine flowering plant

Taxon: *Syringodium isoetifolium*
Areas Recorded: 4
Conservation Area Records: -
Comments: Marine flowering plant

NAJADACEAE

Taxon: *Najas marina*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

JUNCAGINACEAE

Taxon: *Triglochin centrocarpum*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: -

Taxon: *Triglochin mucronatum*

Areas Recorded: 2, 6

Conservation Area Records: KNP

Comments: -

Taxon: *Triglochin trichophorum*

Areas Recorded: 1, 2

Conservation Area Records: DINR

Comments: -

Taxon: *Triglochin* aff. *calcitrapum*

Areas Recorded: 2, 4

Conservation Area Records: FPNP

Comments: Previously determined as *Triglochin calcitrapum*

POACEAE

Taxon: *Amphipogon caricinus*

Areas Recorded: 6

Conservation Area Records: ZNP

Comments: -

Taxon: *Amphipogon turbinatus*

Areas Recorded: 6

Conservation Area Records: KNP, ZNP

Comments: Northern limit of species range, in Zuytdorp National Park

Taxon: *Aristida contorta*

Areas Recorded: 4

Conservation Area Records: KNP, FPNP

Comments: -

Taxon: **Avena barbata*

Areas Recorded: 2, 4, 6

Conservation Area Records: KNP, FPNP, SBCP

Comments: -

Taxon: **Avena sterilis*

Areas Recorded: 7

Conservation Area Records: FINR

Comments: Confused with *Avena barbata*

Taxon: *Bothriochloa ewartiana*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, not recorded from within study area.

Taxon: **Briza minor*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

Taxon: *Bromus arenarius*
Areas Recorded: 2, 3, 4, 7
Conservation Area Records: FINR, FPNP, SBCP
Comments: Recorded on most of the larger islands of the Freycinet Estuary (eg: Salutation, Three Bays and Baudin)

Taxon: **Bromus diandrus*
Areas Recorded: 3, 4, 6
Conservation Area Records: FPNP, SBCP
Comments: -

Taxon: **Bromus hordeaceus*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: **Bromus rigidus*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: **Cenchrus ciliaris*
Areas Recorded: 2, 3, 4, 5, 6, 7
Conservation Area Records: CRNP, KNP, FPNP, SBCP
Comments: Potentially a serious weed of degraded Spinifex grasslands

Taxon: **Cenchrus echinatus*
Areas Recorded: 4
Conservation Area Records: KNP
Comments: Only recorded from Denham Townsite

Taxon: **Cenchrus setigerus*
Areas Recorded: 2
Conservation Area Records: CRNP, FPNP
Comments: Weed in paddocks

Taxon: **Chloris virgata*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Chrysopogon fallax*
Areas Recorded: 1
Conservation Area Records: DINR
Comments: -

Taxon: *Cymbyopogon ambiguus*
Areas Recorded: 1, 2, 3, 4, 7
Conservation Area Records: KNP, CRNP, DINR, FINR, SBCP
Comments: -

Taxon: *Cymbyopogon obtectus*
Areas Recorded:-
Conservation Area Records: -
Comments: Delete, material redetermined as *C. ambiguus*

Taxon: *Dactyloctenium radulans*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: **Cynodon dactylon*
Areas Recorded: 2, 4, 6
Conservation Area Records: FPNP
Comments: The record in Francois Peron is "Salteen", a cultivar grown as a lawn irrigated by hot brackish bore water at the homestead.

Taxon: *Danthonia caespitosa*
Areas Recorded: 2, 3, 4, 7
Conservation Area Records: FINR, FPNP
Comments: Northern limit of species range in Francois Peron

Taxon: *Danthonia racemosa*
Areas Recorded: ?6
Conservation Area Records: -
Comments: Record requires confirmation

Taxon: *Dichanthium affine*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, occurs outside current study area.

Taxon: **Ehrharta brevifolia*
Areas Recorded: 2, 3
Conservation Area Records: -
Comments: -

Taxon: **Ehrharta calycina*
Areas Recorded: 6
Conservation Area Records: -
Comments: One record on S.E. margin of study area

Taxon: **Ehrharta longiflora*
Areas Recorded: 3, 6, 4, 7
Conservation Area Records: FINR, FPNP, SBCP
Comments: -

Taxon: *Enneapogon caerulescens*
Areas Recorded: 1, 2, 3, 4, 5
Conservation Area Records: BINR, CRNP, FPNP, SBCP
Comments: -

Taxon: *Enneapogon pallidus*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *E. caerulescens*.

Taxon: **Eragrostis barrelieri*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

Taxon: *Eragrostis ?brownii*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *Eragrostis barrelieri*

Taxon: *Eragrostis dielsii*
Areas Recorded: 1, 2, 4, 6
Conservation Area Records: CRNP, DINR, FPNP, SBCP
Comments: -

Taxon: *Eragrostis eriopoda*
Areas Recorded: 3
Conservation Area Records: CRNP
Comments: -

Taxon: *Eragrostis falcata*

Areas Recorded: 1

Conservation Area Records: BINR

Comments: -

Taxon: *Eriachne mucronata*

Areas Recorded: 2

Conservation Area Records: CRNP

Comments: Note original list Keighery (1989) given as *E. mucronata* at end of
Eragrostis

Taxon: *Eulalia fulva*

Areas Recorded: 1, 2, 3, 4, 5, 6, 7

Conservation Area Records: DINR, BINR, FINR, FPNP, SBCP

Comments: Appears to be southern end of range on coast, but is present on Abrolhos
Islands, south of here

Taxon: **Hordeum leporinum*

Areas Recorded: 2, 3, 4, 6, 7

Conservation Area Records: FINR, FPNP

Comments: -

Taxon: **Lamarkia aurea*

Areas Recorded: 3, 4, 7

Conservation Area Records: FINR, KNP

Comments: -

Taxon: **Lophochloa pumilla (Rostraria pumila)*

Areas Recorded: 3, 6

Conservation Area Records: -

Comments: -

Taxon: **Lolium rigidum*

Areas Recorded: 2, 4

Conservation Area Records: FPNP

Comments: Previously determined as *Lolium loliaceum*

Taxon: *Monachather paradoxa*

Areas Recorded: 3, 6

Conservation Area Records: -

Comments: Northern limit of distribution, on coast. Also recorded from Blackstone
Range (near border) at same latitude.

Taxon: *Paractaenum novae-hollandiae*

Areas Recorded: 1, 2, 3, 4, 5, 6

Conservation Area Records: DINR, FPNP

Comments: Type collection is from "Isles Steriles" in Shark Bay.

Taxon: **Paralophis incurva*
Areas Recorded: 3, 4
Conservation Area Records: KNP, FPNP, SBCP
Comments: -

Taxon: *Paspalidium constictum*
Areas Recorded: 2
Conservation Area Records: -
Comments: Previously determined, and listed as *P. juliflorum*

Taxon: *Paspalidium clementii*
Areas Recorded: 1, 2
Conservation Area Records: -
Comments: -

Taxon: *Paspalidium reflexum*
Areas Recorded: 2, 5
Conservation Area Records: -
Comments: -

Taxon: *Paspalidium gracile*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, does not occur within current study boundaries.

Taxon: *Paspalidium tabulatum*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, does not occur within current study boundaries.

Taxon: **Pharlaris minor*
Areas Recorded: 7
Conservation Area Records: FINR
Comments: -

Taxon: *Plagiosetum (Paractaenum) refractum*
Areas Recorded: 5
Conservation Area Records: -
Comments: Seems to be Southernmost limit (on coast at least)

Taxon: *Plectrachne bromoides*
Areas Recorded: 3, 4, 6
Conservation Area Records: -
Comments: Previously presumed extinct. Northern limit of species range on Tamala Station

Taxon: *Plectrachne danthonioides*
Areas Recorded: 3, 4, 6
Conservation Area Records: KNP, CNR, FPNP, ZNP
Comments: Northern limit of species range. A collection from the Fortescue River (R.F. Black) attributed to this species, is probably a new taxon.

Taxon: *Plectrachne drummondii*
Areas Recorded: 3, 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Nanga Station

Taxon: **Poa annua*
Areas Recorded: 2, 4
Conservation Area Records: KNP
Comments: -

Taxon: *Poa drummondiana*
Areas Recorded: 3, 6
Conservation Area Records: -
Comments: Northern limit of species range on Nanga Station

Taxon: **Polypogon monspeliensis*
Areas Recorded: 3, 5
Conservation Area Records: KNP
Comments: -

Taxon: **Schismus barbatus*
Areas Recorded: 3, 4
Conservation Area Records: KNP, FPNP, SBCP
Comments: -

Taxon: *Setaria dielsii*
Areas Recorded: 3, 4, 5, 6, 7
Conservation Area Records: CRNP, FINR, FPNP, SBCP
Comments: -

Taxon: *Setaria verticillata*
Areas Recorded: 1
Conservation Area Records: DINR
Comments: Previously same collections were determined as *S. canei*. This species was collected by Drummond and Pemberton Walcott (Bentham - Flora of Australia), but is thought to be introduced in many lists. Seems to have native and naturalised forms present.

Taxon: *Spinifex longifolius*
Areas Recorded: 2, 3, 4, 5, 7
Conservation Area Records: FPNP, FINR, CRNP, KNP, SBCP
Comments: -

Taxon: *Sporobolus virginicus*
Areas Recorded: 1, 3, 4, 5, 7
Conservation Area Records: DINR, FINR, CRNP, KNP, FPNP, SBCP
Comments: -

Taxon: *Stipa crinita*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, FINR, FPNP
Comments: -

Taxon: *Stipa elegantissima*
Areas Recorded: 1, 2, 3, 4, 5
Conservation Area Records: FPNP, DINR, FINR, SBCP
Comments: -

Taxon: *Stipa nitida*
Areas Recorded: 2, 3, 4, 5, 6, 7
Conservation Area Records: FINR, FPNP, KNP
Comments: -

Taxon: *Themeda triandra*
Areas Recorded: 5
Conservation Area Records: CRNP
Comments: Previously determined as *Themeda australis*

Taxon: *Tragus australiamus*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Triodia plurinervata*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: FINR, FPNP
Comments: Several collections from Rudall River (Great Sandy Desert) and the N.E. Goldfields are determined as this species. This is a remarkable disjunct distribution. Type from Dorre Island.

Taxon: *Triraphis mollis*
Areas Recorded: 3, 5
Conservation Area Records: -
Comments: -

Taxon: **Trisetaria cristata*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

Taxon: **Vulpia myuros*
Areas Recorded: 2, 3
Conservation Area Records: KNP
Comments: -

CYPERACEAE

Taxon: *Bulbostylis barbata*
Areas Recorded: 3, 4, 5
Conservation Area Records: CRNP, KNP, FPNP, SBCP
Comments: -

Taxon: *Cyperus bifax*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Cyperus bulbosus*
Areas Recorded: 3
Conservation Area Records: CRNP
Comments: Southern limit on coast on Tamala Station

Taxon: *Cyperus vaginatus*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Gahnia lanigera*
Areas Recorded: 2
Conservation Area Records: -
Comments: Northern end of species range on Dirk Hartog Island

Taxon: *Isolepis cernua*
Areas Recorded: 2
Conservation Area Records: KNP
Comments: Northern end of species range on Dirk Hartog Island

Taxon: *Isolepis nodosa*
Areas Recorded: 3
Conservation Area Records: KNP
Comments: New record, Northern limit of species range on Carrang Station

Taxon: *Mesomelaena pseudostygia*
Areas Recorded: 3, 6
Conservation Area Records: ZNP
Comments: Northern limit of species range on Carrang station

Taxon: *Schoenus asperocarpus*
Areas Recorded: 3, 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range on Carrang Station

Taxon: *Schoenus* sp (Keighery et Alford, 1966)
Areas Recorded: 6
Conservation Area Records: -
Comments: This collection is part of the *Schoenus elegans*/*S. sculptus* complex, but collections of these taxa are several 100 km south of the study area. New record, ?Northern limit on Tamala Station

CENTROLEPIDACEAE

Taxon: *Centrolepis humillima*
Areas Recorded: 2, 6
Conservation Area Records: KNP
Comments: Occurs around edges of Birridas. Northern limit of species range, but inconspicuous and poorly known.

RESTIONACEAE

Taxon: *Ecdeiocolea monostachya*
Areas Recorded: 6
Conservation Area Records: KNP, CNR, ZNP
Comments: Northern limit of species range on Tamala Station

Taxon: *Lepidobolus "densus"*
Areas Recorded: 2, 6
Conservation Area Records: -
Comments: Previously determined as *Lepidobolus preissianus*. Northern limit of species range on Dirk Hartog Island

Taxon: *Loxocarya "aspera"*
Areas Recorded: 2, 3, 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range on Dirk Hartog Island. Previously determined as *Loxocarya flexuosa*

JUNACEAE

Taxon: *Juncus bufonius*
Areas Recorded: 2
Conservation Area Records: KNP
Comments: This taxon is a complex of native and introduced forms. The status of the Shark Bay collections cannot presently be readily assigned, hence it is listed as native.

Taxon: *Juncus kraussii*

Areas Recorded: 6

Conservation Area Records: -

Comments: A small population occurs around Hamelin Pool on Hamelin Station

DASYPOGONACEAE

Taxon: *Acanthocarpus parviflorus*

Areas Recorded: 3, 4, 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Nanga Station

Taxon: *Acanthocarpus preissii*

Areas Recorded: 1, 2, 3, 4, 5, 6, 7

Conservation Area Records: DINR, CNR, FINR, KNP, CRNP, ZNP, FPNP, SBCP

Comments: A highly variable species, with glaucous and green leaved forms

Taxon: *Acanthocarpus robustus*

Areas Recorded: 1, 2, 3, 6

Conservation Area Records: BINR, FINR, CRNP

Comments: Perhaps Southern limit of species range, but collections that could be this species are recorded from near Ajana

Taxon: *Acanthocarpus verticillatus*

Areas Recorded: 5, 6

Conservation Area Records: CRNP

Comments: Southern limit of species range on Tamala Station

Taxon: *Acanthocarpus* sp aff. *robustus* (Hopper 1367)

Areas Recorded: 3, 4, 7, 6

Conservation Area Records: CNR, FINR, FPNP

Comments: Extends from Geraldton to northern limit in Francois Peron

Taxon: *Lomandra maritima*

Areas Recorded: 3, 7

Conservation Area Records: FINR

Comments: New record; Northern most limit previously was Jurien Bay. Northern end of species range on Carrarang Station.

ANTHERICACEAE

Taxon: *Arnocrinum drummondii*

Areas Recorded: 6

Conservation Area Records: ZNP, CNR

Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Corynotheca micrantha* var *micrantha*

Areas Recorded: 2, 3, 6

Conservation Area Records: KNP

Comments: -

Taxon: *Corynotheca micrantha* var *acanthoclada*

Areas Recorded: 3, 6

Conservation Area Records: KNP

Comments: New record; Northernmost record on Carrarang Station.

Taxon: *Corynotheca pungens*

Areas Recorded: 3, 4, 5

Conservation Area Records: CRNP, FPNP

Comments: Southern limit of species range on Tamala Station.

Taxon: *Dichopogon tyleri*

Areas Recorded: 4, 7

Conservation Area Records: KNP, FINP, FPNP

Comments: Previously Southern limit of species range, but now known to extend south to Kalbarri from Quobba

Taxon: *Laxmannia sessiliflora* ssp. *sessiliflora*

Areas Recorded: 6

Conservation Area Records: KNP, ZNP, CNR

Comments: Type collection from World Heritage area, Northernmost limit of species range, but no precise locality

Taxon: *Murchisonia volubilis*

Areas Recorded: 3, 4, 6

Conservation Area Records: CRNP, FPNP, KRNP

Comments: -

Taxon: *Thysanotus exiliflorus*

Areas Recorded:-

Conservation Area Records:-

Comments: Delete from list; now outside World Heritage Region

Taxon: *Thysanotus manglesianus*

Areas Recorded: 2, 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Nanga Station.

Taxon: *Thysanotus patersonii*

Areas Recorded: 1, 2, 3, 4

Conservation Area Records: CRNP, DINR, FPNP, FINR, ZNP

Comments: Previously confused with *Murchisonia volubilis* and *Thysanotus manglesianus*. This and *M. volubilis* probably much more widespread.

Taxon: *Thysanotus sparteus*

Areas Recorded: 3

Conservation Area Records: KNP

Comments: New record, Northernmost limit on Carrang Station, previously near Northampton.

Taxon: *Thysanotus speckii*

Areas Recorded: 1, 2, 5, 6

Conservation Area Records: KNP, DINR

Comments: -

Taxon: *Tricoryne corynothecoides*

Areas Recorded: 3

Conservation Area Records: CRNP

Comments: Previously listed as *Tricoryne* sp.

Taxon: *Tricoryne elatior*

Areas Recorded: 3

Conservation Area Records: KNP

Comments: New record, northern limit of species range on Tamala Station.

ASPHODELACEAE

Taxon: **Asphodelus fistulosus*

Areas Recorded: 3, 4, 6

Conservation Area Records: CRNP, FPNP

Comments: -

Taxon: *Bulbine semibarbata*

Areas Recorded: 3, 4, 6, 7

Conservation Area Records: FINR, FPNP

Comments: Occurs around Birridas.

AGAVACEAE

Taxon: **Agave americana*

Areas Recorded: 4

Conservation Area Records: FPNP

Comments: Spreading from planting at Francois Peron homestead.

COLCHICACEAE

Taxon: *Wurmbea inframediana*

Areas Recorded: 4, 5, 6

Conservation Area Records: FPNP

Comments: -

Taxon: *Wurmbea monantha*

Areas Recorded: 1, 2, 3, 4, 6

Conservation Area Records: KNP, DINR, FPNP

Comments: Northern limit of species range on Dorre island.

Taxon: *Wurmbea odorata*

Areas Recorded: 1, 6

Conservation Area Records: CRNP, DINR

Comments: Previously considered Southern limit of species range, but now known to extend to Three Springs area.

Taxon: *Wurmbea tenella*

Areas Recorded: 6

Conservation Area Records: ZNP, KNP

Comments: Northern limit of species range on Tamala Station.

PHORMIACEAE

Taxon: *Dianella revoluta*

Areas Recorded: 2, 3, 4, 6

Conservation Area Records: FPNP

Comments: -

HAEMODORACEAE

Taxon: *Anigozanthos manglesii* ssp. *quadrans*

Areas Recorded: 6

Conservation Area Records: ZNP, CNR, KNP

Comments: Northern limit of species range on Nanga Station.

Taxon: *Conostylis aculeata* ssp. *septrionora*

Areas Recorded: 6

Conservation Area Records: ZNP, KNP

Comments: Northern limit of species range on Tamala Station.

Taxon: *Conostylis candicans* ssp. *flaviflora*

Areas Recorded: 3, 4, 6

Conservation Area Records: KNP, ZNP, CNR

Comments: Northern limit of species range on Nanga Station.

Taxon: *Conostylis stylidioides*

Areas Recorded: 2, 3, 6

Conservation Area Records: KNP, CNR, ZNP

Comments: Northern limit of species range on Dirk Hartog Island.

DIOSCOREACEAE

Taxon: *Dioscorea hastifolia*

Areas Recorded: 6, 7

Conservation Area Records: FINR

Comments: Northern limit of species range on Salutation Island, but there is an unconfirmed record from Cape Range.

ORCHIDACEAE

Taxon: *Eriochilus dilatatus* ssp. *dilatatus*

Areas Recorded: 2, 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Tamala Station.

Taxon: (*Burnettia*) *Lyperanthus nigricans*

Areas Recorded: 6

Conservation Area Records: KNP, CNR, ZNP

Comments: Northern limit of species range on Tamala Station.

DICOTYLEDONS

CASUARINACEAE

Taxon: *Allocasuarina acutivalvis*

Areas Recorded: 6

Conservation Area Records: ZNP, KNP

Comments: Northern limit of species range, in Zuytdorp National Park

Taxon: *Allocasuarina helmsii*

Areas Recorded: 2, 4, 6

Conservation Area Records: ZNP

Comments: Northern limit of species range on Dirk Hartog Island

MORACEAE

Taxon: *Ficus platypoda* var. *lachnocaula*

Areas Recorded: 1

Conservation Area Records: CRNP, DINR

Comments: Southern limit of varieties range on Dorre Island

Taxon: *Ficus platypoda* var *minor*
Areas Recorded: 1
Conservation Area Records: DINR, BINR, CRNP
Comments: Southern limit of species and varieties range on Abrolhos Islands, not Shark Bay

URTICACEAE

Taxon: *Parietaria debilis*
Areas Recorded: 4, 6
Conservation Area Records: KNP, CRNP, FPNP
Comments: -

Taxon: **Urtica urens*
Areas Recorded: 6
Conservation Area Records: -
Comments: Only recorded in holding pens on Tamala Station

PROTEACEAE

Taxon: *Adenanthos acanthophyllus*
Areas Recorded: 6
Conservation Area Records: CNR
Comments: Confined to World Heritage area

Taxon: *Banksia attenuata*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: - Beard (1976) records this species in Zuytdorp National Park, range end

Taxon: *Banksia ashbyi*
Areas Recorded: 4, 6
Conservation Area Records: KNP, CRNP, ZNP
Comments: -

Taxon: *Banksia lindleyi*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: Northern limit of species range on ?Tamala Station.

Taxon: *Banksia prionotes*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP, CNR
Comments: Northern limit of species range on Tamala station.

Taxon: *Banksia sceptrum*
Areas Recorded: 4, 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range on Nanga Station

Taxon: *Conospermum "microflorum"*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Nanga Station

Taxon: *Conospermum stoechadis* ssp. *stoechadis*
Areas Recorded: 6
Conservation Area Records: CNR, ZNP
Comments: Northern limit of species range on Tamala Station

Taxon: *Dryandra* aff *fraseri*
Areas Recorded: ?6
Conservation Area Records: ZNP
Comments: Beard (1976) records this taxon from Zuytdorp National Park, Northern limit of species range. We were unable to locate a voucher collection

Taxon: *Grevillea annulifera*
Areas Recorded: 3, 6
Conservation Area Records: KNP, CNR, ZNP
Comments: Northern limit of species range on Peron Station

Taxon: *Grevillea argyrophylla*
Areas Recorded: 3, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Tamala Station. New record for area, previous limit Kalbarri.

Taxon: *Grevillea brachystachya*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range in Zuytdorp National Park.

Taxon: *Grevillea candelabroides*
Areas Recorded: 3, 4, 6
Conservation Area Records: KNP, FPNP
Comments: Northern limit of species range, in Francois Peron National Park

Taxon: *Grevillea didymobotrya* ssp. *didymobotrya*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range, on Nerren Nerren Station

Taxon: *Grevillea eriostachya* ssp. *eriostachya*
Areas Recorded: 3, 4, 6

Conservation Area Records: KNP, CRNP, ZNP

Comments: -

Taxon: *Grevillea gordoniana*

Areas Recorded: 6

Conservation Area Records: KNP, ZNP

Comments: -

Taxon: *Grevillea hakeoides* ssp. *commutata*

Areas Recorded: 6

Conservation Area Records: KNP, ?ZNP

Comments: Northern limit of subspecies on Nerren Nerren Station.

Taxon: *Grevillea hakeoides* ssp. *stenophylla*

Areas Recorded: 2

Conservation Area Records: -

Comments: Northern limit of species and subspecies range on Dirk Hartog Island.

Taxon: *Grevillea leucopteris*

Areas Recorded: ?6

Conservation Area Records: ZNP

Comments: Beard (1976) recorded this taxon from Zuytdorp National Park, Northern limit of species range. We were unable to locate a voucher collection

Taxon: *Grevillea rogersoniana*

Areas Recorded: 3, 6

Conservation Area Records: -

Comments: Confined to Shark Bay region.

Taxon: *Grevillea stenobotrya*

Areas Recorded: 6

Conservation Area Records: KNP, CRNP

Comments: -

Taxon: *Grevillea stenomera*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: Northern limit of species range, on Tamala Station

Taxon: *Grevillea stenostachya*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Coburn Station

Taxon: *Grevillea* aff. *stenobotrya* (MET 7554)

Areas Recorded: 3

Conservation Area Records: -

Comments: Occurs from Shark Bay to Exmouth, Southern limit of species range on Tamala Station. Previously listed as *Grevillea sterobotrya* ssp. nov.

Taxon: *Grevillea* sp. "Shark Bay" (MET 7553)
Areas Recorded: 3
Conservation Area Records: -
Comments: Previously uncollected species. Confined to Shark Bay Region

Taxon: *Grevillea thelemanniana* ssp. *pinaster*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: Northern limit of species range in Zuytdorp National Park.

Taxon: *Hakea arida*
Areas Recorded: 3
Conservation Area Records: KNP
Comments: -

Taxon: *Hakea bucculenta*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range, on ?Coburn Station.

Taxon: *Hakea candolleana*
Areas Recorded: 4, 6
Conservation Area Records: CRNP
Comments: -

Taxon: *Hakea circumulata*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range, on Tamala Station.

Taxon: *Hakea preissii*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Hakea stenophylla*
Areas Recorded: 3, 4, 6
Conservation Area Records: KNP, CRNP, ZNP
Comments: -

Taxon: *Hakea trifurcata*
Areas Recorded: ?6
Conservation Area Records: ZNP
Comments: Beard (1976) recorded this taxon from Zuytdorp National Park, Northern limit of species range. We were unable to locate a voucher collection

Taxon: *Hakea* sp
Areas Recorded: 6
Conservation Area Records: KNP
Comments: taxonomy requires resolution, apparently extends from Kalbarri to Shark Bay.

Taxon: *Persoonia acicularis*
Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: Northern limit of species range, on Nanga Station

Taxon: *Persoonia diadema*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: Northern limit of species range, on Nanga Station. Previous determination *Persoonia saundersiana* var *diadema*.

Taxon: *Persoonia* sp (Craven 7112)
Areas Recorded: 3, 4, 6
Conservation Area Records: ZNP
Comments: Northern limit of species range, on Nanga Station. Apparently an undescribed species.

Taxon: *Petrophile brevifolia*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of species range, on Tamala Station

Taxon: *Petrophile semifurcata*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range, in Zuytdorp National Park.

Taxon: *Xylomelum angustifolium*
Areas Recorded: ?6
Conservation Area Records: ZNP
Comments: Beard (1976) recorded this taxon from Zuytdorp National Park, Northern limit of species range. We were unable to locate a voucher collection

SANTALACEAE

Taxon: *Anthobolus foveolatus*
Areas Recorded: 4, 6
Conservation Area Records: KNP, FPNP
Comments: Northern limit of species range in Francois Peron National Park

Taxon: *Exocarpus aphyllus*
Areas Recorded: 1, 2, 3, 4, 7
Conservation Area Records: BINR, DINR, FINR, FPNP
Comments: -

Taxon: *Exocarpus sparteus*
Areas Recorded: 3, 4, 6
Conservation Area Records: CRNP, ZNP, FPNP
Comments: -

Taxon: *Leptomeria preissiana*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range, on ?Coburn Station

Taxon: *Leptomeria spinosa*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: On southern margin of study area.

Taxon: *Santalum acuminatum*
Areas Recorded: 4, 6
Conservation Area Records: CRNP, KNP, ZNP, CNR, FPNP
Comments: -

Taxon: *Santalum lanceolatum*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: Southern limit on coast, extends to Northern goldfields inland (only one record Hamelin Pool, April 1926)

Taxon: *Santalum spicatum* ssp. nov
Areas Recorded: 1, 4, 6
Conservation Area Records: BINR, DINR, FPNP, SBCP
Comments: Southern limit of subspecies range, extends north to Coral Bay. Only on beach.

OLACACEAE

Taxon: *Olex aurantia*
Areas Recorded: 6
Conservation Area Records: KNP, CRNP
Comments: -

LORANTHACEAE

Taxon: *Amyema benthamii*

Areas Recorded: 4, 6

Conservation Area Records: FPNP

Comments: Parasitic on *Brachychiton gregorii*.

Taxon: *Amyema linophyllum*

Areas Recorded: -

Conservation Area Records: -

Comments: Material of this species has been redetermined as *Ameyema preissi*.

Taxon: *Amyema maidenii*

Areas Recorded: -

Conservation Area Records: -

Comments: Not recorded within current study area boundaries, delete.

Taxon: *Amyema miquelii*

Areas Recorded: 4, 6

Conservation Area Records: KNP, CRNP, ZNP

Comments: -

Taxon: *Amyema miraculosum*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: Recorded on Southern margin of study area.

Taxon: *Amyema preissii*

Areas Recorded: 2, 4, 6

Conservation Area Records: ZNP, CRNP, FPNP

Comments: -

Taxon: *Amyema sanguinea* var *sanguinea*

Areas Recorded: 5

Conservation Area Records: -

Comments: -

Taxon: *Lysiana murrayi*

Areas Recorded: 2

Conservation Area Records: -

Comments: -

Taxon: *Lysiana subfalcata*

Areas Recorded: 5

Conservation Area Records: -

Comments: Southern limit of species range, on ?Wooramel Station. Previously determined as *Ameyema miraculosum*

Taxon: *Nuytsia floribunda*
Areas Recorded: 76
Conservation Area Records: ZNP
Comments: Beard (1976) recorded this taxon from Zuytdorp National Park, Northern limit of species range. We were unable to locate a voucher collection

POLYGONACEAE

Taxon: **Emex australis*
Areas Recorded: 2, 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Muehlenbeckia adpressa*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: Northern limit of species range in Zuytdorp National Park.

Taxon: *Muehlenbeckia cunninghamii*
Areas Recorded: 75
Conservation Area Records: -
Comments: Recorded along Wooramel flats, but locality not precise.

Taxon: **Rumex vesicarius*
Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: Potentially a serious weed.

CHENOPODIACEAE

Taxon: *Atriplex amnicola*
Areas Recorded: 2, 3, 4, 5, 6
Conservation Area Records: KNP
Comments: -

Taxon: *Atriplex bunburyana*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: BINR, DINR, CRNP
Comments: -

Taxon: *Atriplex cinerea*
Areas Recorded: 1, 2, 4, 7
Conservation Area Records: DINR, FINR, FPNP
Comments: -

Taxon: *Atriplex codonocarpa*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Atriplex holocarpa*
Areas Recorded: 4, 5, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Atriplex isatidea*
Areas Recorded: 4, 7
Conservation Area Records: CRNP, FINR, FPNP, SBCP
Comments: -

Taxon: *Atriplex paludosa* ssp. *baudinii*
Areas Recorded: 4, 5
Conservation Area Records: -
Comments: Type collection from Shark Bay

Taxon: *Atriplex paludosa* ssp. *moquiniana*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, FPNP, SBCP
Comments: ?Confined to this region

Taxon: *Atriplex semilunaris*
Areas Recorded: 4, 5, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Atriplex vesicaria* ssp. *incompta*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Atriplex vesicaria* ssp. *variabilis*
Areas Recorded: 1, 2, 3, 5, 6, 7
Conservation Area Records: FINR, DINR, BINR, FPNP, SBCP
Comments: -

Taxon: *Chenopodium auricomum*
Areas Recorded: 3, 4
Conservation Area Records: -
Comments: -

Taxon: *Chenopodium gaudichaudianum*
Areas Recorded: 3, 4, 5, 6, 7
Conservation Area Records: CRNP, FINR, FPNP
Comments: -

Taxon: *Chenopodium melanocarpum*
Areas Recorded: 1, 6
Conservation Area Records: BINR, FPNP, SBCP
Comments: All determined as forma *leucocarpum*

Taxon: **Chenopodium murale*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: FPNP, FINR
Comments: -

Taxon: *Didymanthus roei*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: Northern limit of species range in Francois Peron National Park.

Taxon: *Dissocarpus paradoxus*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Dysphania plantaginella*
Areas Recorded: 1, 4
Conservation Area Records: DINR, FPNP, SBCP
Comments: -

Taxon: *Dysphania sphaerosperma*
Areas Recorded: 1, 2, 4, 6
Conservation Area Records: BINR, FINR
Comments: Southern limit of species range on Tamala Station.

Taxon: *Enchylaena tomentosa var tomentosa*
Areas Recorded: 1, 2, 3, 4, 5, 6, 7
Conservation Area Records: BINR, DINR, FINR, KNP, CNR, FPNP, SBCP
Comments: -

Taxon: *Eremophea aggregata*
Areas Recorded: 4, 5, 6
Conservation Area Records: -
Comments: Largely restricted to World Heritage Area, but probably extends east of the area.

Taxon: *Eriochiton sclerolaenoides*

Areas Recorded: 4, 5

Conservation Area Records: FPNP

Comments: -

Taxon: *Halosarcia doleiformis*

Areas Recorded: 2, 6

Conservation Area Records: -

Comments: -

Taxon: *Halosarcia halocnemoides* ssp. *halocnemoides*

Areas Recorded: 2, 3, 4, 5

Conservation Area Records: FPNP, SBCP

Comments: -

Taxon: *Halosarcia halocnemoides* ssp. *temuis*

Areas Recorded: 4, 6, 7

Conservation Area Records: CRNP, FINR, FPNP, SBCP

Comments: Southern limit of subspecies range on Nanga Station.

Taxon: *Halosarcia indica* ssp. *bidens*

Areas Recorded: 2, 3, 4, 5

Conservation Area Records: KNP, FPNP

Comments: -

Taxon: *Halosarcia indica* ssp. *leiostachya*

Areas Recorded: 5, 6

Conservation Area Records: CRNP

Comments: -

Taxon: *Halosarcia peltata*

Areas Recorded: 2, 4, 6

Conservation Area Records: FPNP

Comments: -

Taxon: *Halosarcia pergranulata* ssp. *pergranulata*

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Halosarcia pruinosa*

Areas Recorded: 3, 4, 6

Conservation Area Records: CRNP

Comments: -

Taxon: *Halosarcia pterygosperma* ssp. *denticulata*

Areas Recorded: 2, 4

Conservation Area Records: FPNP

Comments: Southern limit of subspecies range on Nanga Station.

Taxon: *Halosarcia pterygosperma* ssp. *pterygosperma*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of subspecies range on Nanga Station.

Taxon: *Maireana aphylla*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Maireana appressa*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Maireana atkinsiana*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Maireana carnosa*
Areas Recorded: 4, 5, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Maireana georgei*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Maireana lanosa*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Maireana oppositifolia*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Maireana planifolia*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Maireana platycarpa*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Maireana polypterygia*
Areas Recorded: 5, 6
Conservation Area Records: CRNP
Comments: -

Taxon: *Maireana stipitata*
Areas Recorded: 4, 5, 6
Conservation Area Records: FPNP
Comments: Southern limit of species range on Tamala Station.

Taxon: *Maireana tomentosa*
Areas Recorded: 4, 5, 6
Conservation Area Records: CRNP, FPNP, SBCP
Comments: -

Taxon: *Maireana trichoptera*
Areas Recorded: 3, 4, 5, 6
Conservation Area Records: FPNP, SBCP
Comments: -

Taxon: *Neobassia astrocarpa*
Areas Recorded: 1
Conservation Area Records: BINR, DINR
Comments: Southern limit of species range on Bernier Island.

Taxon: *Osteocarpum acropterum* var *acropterum*
Areas Recorded: ?5 (Occurs in this area according to Flora of Australia treatment)
Conservation Area Records: -
Comments: No specimens seen at PERTH

Taxon: *Rhagodia latifolia* ssp. *latifolia*
Areas Recorded: 1, 2, 3, 4, 5, 6, 7
Conservation Area Records: DINR, FINR, FPNP
Comments: -

Taxon: *Rhagodia preissii* ssp. *obovata*
Areas Recorded: 1, 2, 3, 4, 5, 6
Conservation Area Records: DINR, BINR, FPNP, KNP, CRNP, SBCP
Comments: -

Taxon: *Salsola kali*
Areas Recorded: 3, 4
Conservation Area Records: FPNP, SBCP
Comments: -

Taxon: *Sarcocornia blackiana*
Areas Recorded: 2, 4, 5, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Sarcocornia quinqueflora*
Areas Recorded: 4, 5, 6
Conservation Area Records: KNP, SBCP
Comments: -

Taxon: *Sclerolaena costata*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Sclerolaena densiflora*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Sclerolaena diacantha*
Areas Recorded: 4, 5, 6
Conservation Area Records: FPNP, SBCP
Comments: -

Taxon: *Sclerolaena eurotioides*
Areas Recorded: 4, 5
Conservation Area Records: FPNP, SBCP
Comments: -

Taxon: *Sclerolaena limbata*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Sclerolaena recurvicauspis*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Sclerolaena stylosa*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Sclerolaena tridens*
Areas Recorded: 5
Conservation Area Records: -

Comments: -

Taxon: *Sclerolaena uniflora*
Areas Recorded: 1, 2, 3, 4
Conservation Area Records: DINR, CRNP, FPNP
Comments: -

Taxon: *Sclerostegia disarticulata*
Areas Recorded: 4, 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Threlkeldia diffusa*
Areas Recorded: 1, 2, 3, 4, 6, 7
Conservation Area Records: DINR, BINR, FPNP, FINR, SBCP
Comments: -

AMARANTHACEAE

Taxon: *Amaranthus pallidiflorus*
Areas Recorded: 1, 4
Conservation Area Records: DINR, FPNP, SBCP
Comments: Close to southern limit of species range

Taxon: *Hemichroa diandra*
Areas Recorded: 4, 5
Conservation Area Records: CRNP, FPNP
Comments: -

Taxon: *Ptilotus aervoides*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Ptilotus alexandri*
Areas Recorded: 2
Conservation Area Records: -
Comments: Endemic to World Heritage area

Taxon: *Ptilotus chamaecladus*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, not known to occur in current World Heritage area

Taxon: *Ptilotus divaricatus* var *divaricatus*
Areas Recorded: 3, 4, 5, 6, 7
Conservation Area Records: CRNP, KNP, FINR, FPNP
Comments: -

Ptilotus divaricatus var *rubescens*

Areas Recorded: 3, 6
Conservation Area Records: -
Comments: Endemic to World Heritage area

Taxon: *Ptilotus drummondii* var *drummondii*

Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of variety and species range in Zuytdorp National Park

Taxon: *Ptilotus drummondii* var *minor*

Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: Northern limit of varieties range on Nanga Station

Taxon: *Ptilotus exaltatus* var *exaltatus*

Areas Recorded: 2, 3, 4, 5, 6
Conservation Area Records: CRNP, FPNP, FINR, ZNP
Comments: -

Taxon: *Ptilotus gaudichaudii* var *gaudichaudii*

Areas Recorded: 1, 7
Conservation Area Records: KNP, CRNP, BINR, FINR
Comments: -

Taxon: *Ptilotus gaudichaudii* var *parviflorus*

Areas Recorded: 2, 3, 4, 6
Conservation Area Records: FPNP
Comments: Northern limit of varieties range in Francois Peron National Park

Taxon: *Ptilotus* sp. aff. *gaudichaudii*

Areas Recorded: 3, 4
Conservation Area Records: -
Comments: Grows with *P. gaudichaudii*, differs in habit and flower size. ?Endemic.

Taxon: *Ptilotus grandiflorus* var *grandiflorus*

Areas Recorded: 4, 6
Conservation Area Records: -
Comments: Northern limit of varieties range on Peron Station

Taxon: *Ptilotus grandiflorus* var *lepidus*

Areas Recorded: 4
Conservation Area Records: ?FPNP
Comments: Endemic to World Heritage area

Taxon: *Ptilotus helichrysoides*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, redetermined as *P. helipteroides*.

Taxon: *Ptilotus helipteroides*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Ptilotus macrocephalus*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Ptilotus obovatus* var *laucifolius*
Areas Recorded: 4
Conservation Area Records: -
Comments: endemic to World Heritage area

Taxon: *Ptilotus obovatus* var *obovatus*
Areas Recorded: 1, 2, 3, 4, 6, 7
Conservation Area Records: DINR, FPNP, CNR
Comments: -

Taxon: *Ptilotus polakii*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Ptilotus polystachys* var *polystachyus*
Areas Recorded: 4, 6
Conservation Area Records: FPNP, ZNP
Comments: -

Taxon: *Ptilotus stirlingii* var *pumilus*
Areas Recorded: 6
Conservation Area Records: -
Comments: endemic to World Heritage area

Taxon: *Ptilotus villosiflorus*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: BINR, DINR, FPNP, SBCP
Comments: -

Taxon: *Ptilotus schwartzii* var *georgei*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Ptilotus schwartzii* var *schwartzii*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: -

NYCTAGINACEAE

Taxon: *Boerhavia burbidgeana*
Areas Recorded: 6
Conservation Area Records: -
Comments: Southern limit of species range in map in Flora of Australia

Taxon: *Boerhavia coccinea*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Commicarpus australis*
Areas Recorded: 1, 2, 3, 4, 6, 7
Conservation Area Records: CRNP, DINR, FPNP, FINR, SBCP
Comments: Southern limit of species range on coast in Tamala Station

GYROSTEMONACEAE

Taxon: *Codonocarpus cotinifolius*
Areas Recorded: 4, 6
Conservation Area Records: KNP, ZNP
Comments: -

Taxon: *Gyrostemon ramulosus*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: BINR, FPNP, KNP, CNR, ZNP
Comments: -

Taxon: *Gyrostemon racemiger*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of species range on Coburn Station

AIZOACEAE

Taxon: *Carpobrotus virescens*

Areas Recorded: 6

Conservation Area Records: KNP, ZNP

Comments: Probably a mis-identification for *Carpobrotus* sp. aff. *rossii*, which is widespread in the area. Fresh collections needed.

Taxon: *Carpobrotus* sp. aff. *rossii*

Areas Recorded: 1, 2, 4, 6

Conservation Area Records: KNP, CRNP, FPNP, DINR, FINR

Comments: -

Taxon: *Gunniopsis rubra*

Areas Recorded: -

Conservation Area Records: -

Comments: redetermined as *G. septifraga*

Taxon: *Gunniopsis septifraga*

Areas Recorded: 4, 6

Conservation Area Records: FPNP

Comments: -

Taxon: *Glinus lotoides*

Areas Recorded: 5

Conservation Area Records: -

Comments: on Wooramel River

Taxon: **Mesembryanthemum crystallinum*

Areas Recorded: 4, 6, 7

Conservation Area Records: FINR, FPNP, SBCP

Comments: -

Taxon: *Sesuvium portulacastrum*

Areas Recorded: 1, 4

Conservation Area Records: BINR, DINR, FPNP

Comments: Southern limit of species range in Francois Peron National Park

Taxon: *Tetragonia cristata*

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Tetragonia diptera*

Areas Recorded: 2, 3, 4, 5, 7

Conservation Area Records: FINR, FPNP, SBCP

Comments: Largely confined to World Heritage Area

Taxon: *Tetragonia implexicoma*
Areas Recorded: 2, 3, 7
Conservation Area Records: FINR
Comments: -

Taxon: *Tetragonia tetragonioides*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: -

Taxon: *Tetragonia* sp. *Hamelin* (Trudgen 8000)
Areas Recorded: 5/6
Conservation Area Records: -
Comments: Only known from two collections near Overlander Roadhouse. ?Endemic

Taxon: *Trianthea oxycalyptra* var *oxycalyptra*
Areas Recorded: 6
Conservation Area Records: -
Comments: Southern limit of varieties range on Nerren Nerren

Taxon: *Trianthea turgidifolia*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Macarthuria intricata*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Previously considered endemic to area, but now known to extend to Kalbarri. Northern limit of species range on Nanga Station.

Taxon: *Macarthuria georganai*
Areas Recorded: ?6
Conservation Area Records: -
Comments: Recorded from SE margins of area, but is probably present in dune country to the west in Zuytdorp area. Northern margin of range.

PORTULACACEAE

Taxon: *Calandrinia calyptrata*
Areas Recorded: 4
Conservation Area Records: KNP, ZNP
Comments: -

Taxon: *Calandrinia corrigioloides*
Areas Recorded: 4
Conservation Area Records: FPNP, KNP
Comments: Northern limit of species range in Francois Peron National Park

Taxon: *Calandrinia papillata*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Calandrinia polyandra*
Areas Recorded: 2, 3, 4, 5, 6
Conservation Area Records: KNP, FINR, FPNP
Comments: -

Taxon: *Calandrinia primuliflora*
Areas Recorded: 4
Conservation Area Records: FPNP
Comments: -

Taxon: *Calandrinia* sp. nov. (Alford 1376)
Areas Recorded: 7
Conservation Area Records: FINR
Comments: Appears to be a completely new taxon. No previous collections seen.
Endemic to World Heritage Area.

Taxon: *Calandrinia remota*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Calandrinia* sp. aff. *pumila* (Andeberg 206)
Areas Recorded: 5
Conservation Area Records: -
Comments: ?Endemic to World Heritage Area

CARYOPHYLLACEAE

Taxon: **Cerastium glomeratum*
Areas Recorded: 2, 4, 7
Conservation Area Records: KNP, FPNP, FINR, SBCP
Comments: -

Taxon: **Polycarpon tetraphyllum*
Areas Recorded: 2, 4
Conservation Area Records: FPNP
Comments: -

Taxon: **Silene gallica* var *gallica*
Areas Recorded: 2, 3, 4, 7
Conservation Area Records: FINR
Comments: -

Taxon: *Silene gallica* var *anglica*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: **Spergularia diandra*
Areas Recorded: 7
Conservation Area Records: FINR
Comments: -

Taxon: **Spergularia rubra*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

RANUNCULACEAE

Taxon: *Clematis linearifolia*
Areas Recorded: 2, 6, 7
Conservation Area Records: CNR, KNP, FINR
Comments: previously determined as *C. microphylla*. Northern limit of species range on Dirk Hartog Island.

Taxon: *Clematis microphylla*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material redetermined as *C. linearifolia*

LAURACEAE

Taxon: *Cassytha aurea*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: FINR, FPNP
Comments: -

Taxon: *Cassytha filiformis*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Cassytha nodiflora*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

Taxon: *Cassytha pomiformis*
Areas Recorded: 2, 3, 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Cassytha racemosa forma racemosa*
Areas Recorded: 4, 6
Conservation Area Records: KNP, CRNP, FPNP
Comments: -

Taxon: *Cassytha racemosa forma pilosa*
Areas Recorded: 4
Conservation Area Records: KNP, CRNP
Comments: -

PAPAVACEAE

Taxon: **Argemone ochroleuca*
Areas Recorded: 4
Conservation Area Records: -
Comments: -

CAPPARACEAE

Taxon: *Capparis spinosa var nummularia*
Areas Recorded: 4, 6
Conservation Area Records: FINR, SBCP
Comments: ?Southern limit on coast

EMBLINGIACEAE

Taxon: *Emblingia calceoliflora*
Areas Recorded: 6
Conservation Area Records: KNP, CRNP
Comments: -

BRASSICACEAE

Taxon: **Brassica juncea*
Areas Recorded: 4
Conservation Area Records: -
Comments: in Denham Townsite

Taxon: **Brassica tournefortii*
Areas Recorded: 2, 3, 4, 6
Conservation Area Records: FPNP, SBCP
Comments: Widespread serious weed

Taxon: **Cakile maritima*
Areas Recorded: 1, 2, 4, 5
Conservation Area Records: DINR, FPNP, SBCP
Comments: -

Taxon: **Diplotaxis muralis*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

Taxon: **Hymenobolus procumbens*
Areas Recorded: 2, 6, 7
Conservation Area Records: FINR, DINR
Comments: Northern limit of this species, listed here as naturalised, but often considered as a native species

Taxon: *Lepidium biplicatum*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Lepidium foliosum*
Areas Recorded: 4
Conservation Area Records: -
Comments: One sight record from Pelican Island, Northern limit if confirmed

Taxon: *Lepidium linifolium*
Areas Recorded: 2, 4, 6
Conservation Area Records: FPNP, KNP
Comments: -

Taxon: *Lepidium lyratogymum*
Areas Recorded: ?4,6, Recorded in area in map in revision in Flora of Australia
Conservation Area Records: -
Comments: No specimens in PERTH

Taxon: *Lepidium oxytrichum*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Lepidium phlebopetalum*
Areas Recorded: 3, 4, 5
Conservation Area Records: -
Comments: -

Taxon: *Lepidium platypetalum*
Areas Recorded: 2, 5
Conservation Area Records: CRNP
Comments: Northern limit of species range on Woodleigh station

Taxon: *Lepidium puberulum*
Areas Recorded: 1
Conservation Area Records: DINR
Comments: Northern limit of species range on Dorre Island

Taxon: *Menkea villosula*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: **Raphanus raphanistrum*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: **Sisymbrium erysimoides*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: FINR
Comments: -

Taxon: **Sisymbrium irio*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: **Sisymbrium orientale*
Areas Recorded: 2, 6
Conservation Area Records: -
Comments: -

Taxon: *Stenopetalum filifolium*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of species range on Coburn Station

Taxon: *Stenopetalum pedicellare*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: CRNP, FINR, FPNP
Comments: Some of this material was previously identified as *Stenopetalum robustum*
var *pedicellare*

Taxon: *Stenopetalum sphaerocarpum*
Areas Recorded: 2
Conservation Area Records: -
Comments: Northern limit of species range on Dirk Hartog Island

DROSERACEAE

Taxon: *Drosera stolonifera* ssp *humilis*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species and subspecies range on Nanga Station

CRASSULACEAE

Taxon: *Crassula colorata* var *colorata*
Areas Recorded: 1, 2, 4, 7
Conservation Area Records: DINR, FPNP, CRNP, FINR
Comments: -

Taxon: *Crassula colorata* var *tuberculata*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: ?Northern limit of varieties range in Zuytdorp National Park

PITTOSPORACEAE

Taxon: *Billardiera bicolor* var *lineata*
Areas Recorded: 3, 6
Conservation Area Records: KNP
Comments: Northern limit of species and varieties range, on Tamala Station

Taxon: *Bursaria occidentalis*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: Northern limit of species range on Nanga Station

Taxon: *Cheiranthera preissiana* var *preissiana*
Areas Recorded: ?6
Conservation Area Records: KNP
Comments: May reach Zuytdorp Area

Taxon: *Pittosporum phylliraeoides* var *phylliraeoides*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, FPNP, SBCP
Comments: -

CUNONIACEAE

Taxon: *Aphanopetalum clematidium*
Areas Recorded: 2, 4, 6, 7
Conservation Area Records: FINR
Comments: Northern limit of species range on Dirk Hartog Island

SURIANACEAE

Taxon: *Stylobasium australe*
Areas Recorded: ?6
Conservation Area Records: KNP
Comments: Probably not within World Heritage Area, Murchison River Northern limit, but seen near coast on Vermin Proof Fence

Taxon: *Stylobasium spathulatum*
Areas Recorded: 1, 2, 4, 6, 7
Conservation Area Records: KNP, CRNP, DINR, FPNP, FINR, CNR, SBCP
Comments: -

MIMOSACEAE

Taxon: *Acacia amblyophylla*
Areas Recorded: 6
Conservation Area Records: -
Comments: Endemic to World Heritage area

Taxon: *Acacia ?andrewsii*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Acacia bivenosa*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *A. ligulata*

Taxon: *Acacia brachystachya*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material redetermined.

Taxon: *Acacia chartacea*
Areas Recorded: 4, 6
Conservation Area Records: CNR
Comments: -

Taxon: *Acacia congesta*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined.

Taxon: *Acacia coriacea* ssp. *coriacea*
Areas Recorded: 1, 2
Conservation Area Records: CRNP, DINR, BINR
Comments: Southern limit of species range on coast

Taxon: *Acacia cuspidifolia*
Areas Recorded: 5
Conservation Area Records: -
Comments: Southern limit of species range on Wooramel Station

Taxon: *Acaia didyma*
Areas Recorded: 2, 3, 6
Conservation Area Records: -
Comments: Previously considered endemic to World Heritage area, but ranges from Abrolhos to Dirk Hartong Island . Northern limit.

Taxon: *Acacia drepanophylla*
Areas Recorded: 4, 5, 6
Conservation Area Records: -
Comments: -

Taxon: **Acacia farnesiana*
Areas Recorded: 6
Conservation Area Records: -
Comments: on roadverge

Taxon: *Acacia galeata*
Areas Recorded: 1, 2, 3, 4, 5, 6
Conservation Area Records: DINR, FPNP, CNR
Comments: -

Taxon: *Acacia grasbyi*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Acacia idiomorpha* var (Maslin 3692)
Areas Recorded: 2, 3, 6
Conservation Area Records: KNP
Comments: -

Taxon: *Acacia idiomorpha* var (Trudgen 7491)
Areas Recorded: 4
Conservation Area Records: -
Comments: ?endemic to World Heritage area

Taxon: *Acacia isoneura* ssp *nimia*
Areas Recorded: ?6
Conservation Area Records: -
Comments: Recorded from the Billabong Roadhouse area, probably present in World Heritage area

Taxon: *Acacia latipes* var (S.D. Hopper 1348)
Areas Recorded: 6
Conservation Area Records: CNR
Comments: -

Taxon: *Acacia leptospermoides* ssp *leptospermoides*
Areas Recorded: 2, 4, 6
Conservation Area Records: KNP
Comments: Northern limit of subspecies range on Dirk Hartog Island

Taxon: *Acacia leptospermoides* ssp. *obovata*
Areas Recorded: 6
Conservation Area Records: CNR, ZNP
Comments: Northern limit of subspecies range in Zuytdorp National Park

Taxon: *Acacia ligulata*
Areas Recorded: 1, 2, 3, 4, 6, 7
Conservation Area Records: DINR, FPNP, FINR, SBCP, ZNP
Comments: Type from Dirk Hartog Island

Taxon: *Acacia longispinea*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: -

Taxon: *Acacia microcalyx*

Areas Recorded: 4, 6

Conservation Area Records: -

Comments: -

Taxon: *Acacia murrayana*

Areas Recorded: 6

Conservation Area Records: KNP, ZNP

Comments: -

Taxon: *Acacia plautella*

Areas Recorded: ?6

Conservation Area Records: -

Comments: Recorded from Wannoo area, just outside World Heritage area

Taxon: *Acacia ramulosa*

Areas Recorded: 4, 6

Conservation Area Records: FPNP, SBCP, ZNP

Comments: -

Taxon: *Acacia ramulosa* "*Terete phyllode*" (J.S. Beard 4342)

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Acacia rostellifera*

Areas Recorded: 3, 4, 6

Conservation Area Records: KNP, CNR

Comments: Northern limit of species range. A hybrid between this species and *A. xanthina* (Hopper 1330) has been recorded from Tamala Station.

Taxon: *Acacia roycei*

Areas Recorded: 4, 6

Conservation Area Records: KNP

Comments: Northern limit of species; range, largely limited to World Heritage Area, south to Kalbarri

Taxon: *Acacia sclerosperma* ssp. *sclerosperma*

Areas Recorded: 5, 6

Conservation Area Records: -

Comments: Northern limit of subspecies range on Yaringa Station. *Acacia sclerosperma* ssp *glaucescens* has been recorded from Wooramel Station, and may be present in the World Heritage Area also

Taxon: *Acacia spathulifolia*

Areas Recorded: 6

Conservation Area Records: CNR, KNP, CRNP, ZNP

Comments: -

Taxon: *Acacia subrigida*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: -

Taxon: *Acacia synchronica*
Areas Recorded: 4, 5, 6
Conservation Area Records: FPNP, SBCP
Comments: -

Taxon: *Acacia tetragonophylla*
Areas Recorded: 2, 4, 6
Conservation Area Records: FPNP, SBCP
Comments: -

Taxon: *Acacia ?victoriae* (W.V. Fitzgerald sn)
Areas Recorded: 4, 6
Conservation Area Records:
Comments: only collection W.V. Fitzgerald sn. Shark Bay 1900

Taxon: *Acacia xanthina*
Areas Recorded: 6
Conservation Area Records: KNP, CRNP, ZNP
Comments: Northern limit of species range on Tamala station

Taxon: *Acacia xiphophylla*
Areas Recorded: 4, 5, 6
Conservation Area Records: CRNP, FPNP
Comments: -

CAESALPINIACEAE

Taxon: *Labichea cassioides*
Areas Recorded: 4, 6
Conservation Area Records: KNP, CRNP, CNR
Comments: -

Taxon: *Labichea teretifolia* ssp *teretifolia*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of species and subspecies range on Coburn Station

Taxon: *Petalostylis labicheoides*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *Labichea teretifolia*

Taxon: *Senna artemisoides* ssp. *filifolia*

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Senna artemisoides* ssp. aff. *helmsii* (Demarz 5504)

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Senna glutinosa* ssp. *chatelainiana*

Areas Recorded: 2, 3, 4, 6, 7

Conservation Area Records: FPNP, FINR, SBCP

Comments: previously determined as *Cassia chatelainiana*

Taxon: *Senna pleurocarpa* var. *pleurocarpa*

Areas Recorded: 4, 5, 6

Conservation Area Records: KNP

Comments: -

Taxon: *Senna* sp. "*Austin*" (A. Strid 20210)

Areas Recorded: 5, 6

Conservation Area Records: KNP

Comments: considered by Randall as part of *Senna artemisoides* ssp. *petiolaris*

Taxon: *Senna* sp. "*Billabong*" (J.D. Alonzo 721)

Areas Recorded: 4, 6

Conservation Area Records: KNP

Comments: -

Taxon: *Senna* sp. "*Meekatharra*" (E.T. Bailey 1-26)

Areas Recorded: 5, 6

Conservation Area Records: -

Comments: considered by Randall as part of *Senna artemisoides* ssp. *x sturtii*

Taxon: *Senna* sp. "*Tamala*" (Trudgen 7334)

Areas Recorded: 6

Conservation Area Records: CNR

Comments: ?Endemic to World Heritage Area

FABACEAE

Taxon: *Aotus* ?*phylicoides*

Areas Recorded: 6

Conservation Area Records: KNP, ZNP

Comments: Northern limit of species range, in Zuytdorp National Park

Taxon: *Bossiaea spinescens*
Areas Recorded: 2, 3
Conservation Area Records: -
Comments: previously recorded as *B. spinosa* in error

Taxon: *Bossiaea walkeri*
Areas Recorded: 3, 4, 6
Conservation Area Records: DINR
Comments: Northern limit of species range on Dorre Island

Taxon: *Brachysema aphylla*
Areas Recorded: 6
Conservation Area Records: ZNP, KNP
Comments: Northern limit of species range, in Zuytdorp National Park

Taxon: *Brachysema daviesioides*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, does not occur in current World Heritage boundaries

Taxon: *Brachysema macrocarpum*
Areas Recorded: 1, 2, 6
Conservation Area Records: ZNP, DINR, CRNP
Comments: -

Taxon: *Chorizema ericifolium*
Areas Recorded: -
Conservation Area Records: -
Comments: material redetermined as *Chorizema racemosum*

Taxon: *Chorizema racemosum*
Areas Recorded: 2, 3, 4, 6
Conservation Area Records: KNP, CRNP, FPNP
Comments: Material previously determined as *C.ericifolium*.

Taxon: *Crotalaria cunninghamii*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Daviesia* sp
Areas Recorded: 4
Conservation Area Records: -
Comments: ?endemic; ?Northern limit

Taxon: *Glycine canescens*
Areas Recorded: 2, 3, 4, 5, 7
Conservation Area Records: FPNP, FINR, KNP, CRNP, SBCP
Comments: -

Taxon: *Glycine tabacina*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, re-determined as *Glycine canescens*

Taxon: *Gompholobium tomentosum*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Tamala Station. New record

Taxon: *Indigofera boviparda*
Areas Recorded: 2, 3, 4
Conservation Area Records: FPNP
Comments: -

Taxon: *Indigofera georgei*
Areas Recorded: 4, 5, 7
Conservation Area Records: FINR
Comments: -

Taxon: *Indigofera monophylla*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Isotropis cuenifolia* ssp. nov. (Trudgen 7170)
Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: extends from Horrocks beach to Shark Bay. Northern limit of subspecies and species range, on Tamala Station. New Record.

Taxon: *Jacksonia* aff. *spinosa* (R.J. Cranfield 2576)
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: appart from one record on Nerren Nerren Station, this species is confined to World Heritage Area.

Taxon: *Jacksonia velutina*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Hamelin Station

Taxon: *Kennedia prostrata*
Areas Recorded: 3, 4
Conservation Area Records: KNP
Comments: New record. Northern limit of species range, on Peron Station

Taxon: *Lotus australis*
Areas Recorded: 3, 4
Conservation Area Records: KNP, FPNP, SBCP
Comments: -

Taxon: *Lotus cruentus*
Areas Recorded: 2, 4, 7
Conservation Area Records: CRNP, FINR
Comments: -

Taxon: **Medicago polymorpha*
Areas Recorded: 2, 4
Conservation Area Records: FPNP
Comments: -

Taxon: **Melilotus indicus*
Areas Recorded: 2
Conservation Area Records: KNP
Comments: -

Taxon: *Mirbelia ramulosa*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, KNP, FPNP
Comments: -

Taxon: *Mirbelia* sp (Blackall 556)
Areas Recorded: 4, 6
Conservation Area Records: KNP, CNR, ZNP
Comments: Northern limit of species range, on Peron Station.

Taxon: *Psoralea cinerea*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Swainsona beasleyana* ssp *elegantoides*
Areas Recorded: 2
Conservation Area Records: CRNP
Comments: -

Taxon: *Swainsona canescens* var *canescens*
Areas Recorded: 6
Conservation Area Records: CNR
Comments: -

Taxon: *Swainsona cornuta*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Swainsona elegans*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *S. longicarinata*

Taxon: *Swainsona kingii* ssp *kingii*
Areas Recorded: 2, 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Swainsona* aff. *oliveri*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material redetermined as *S. leeana*

Taxon: *Swainsona leeana*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

Taxon: *Swainsona longicarinata*
Areas Recorded: 2, 6, 7
Conservation Area Records: FINR
Comments: Endemic to World Heritage Area

Taxon: *Swainsona phacoides*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, not now occurring in World Heritage Area

Taxon: *Swainsona pterostylis*
Areas Recorded: 4, 5, 6
Conservation Area Records: KNP
Comments: -

Taxon: *Swainsona* sp. "Shark Bay" (Trudgen 5788)
Areas Recorded: 2, 3
Conservation Area Records: -
Comments: Shark Bay endemic

Taxon: *Templetonia retusa*
Areas Recorded: 3, 4
Conservation Area Records: ZNP, KNP
Comments: New record. Northern limit of species range on Peron Station

Taxon: *Tephrosia gardneri*
Areas Recorded: 5
Conservation Area Records: -
Comments: Southern limit for species on Wooramel Station

GERANIACEAE

Taxon: *Erodium angustilobum*
Areas Recorded: 2, 4, 6
Conservation Area Records: CRNP
Comments: -

Taxon: **Erodium aureum*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: **Erodium cicutarium*
Areas Recorded: 1, 2, 6, 7
Conservation Area Records: BINR, FINR
Comments: -

Taxon: *Erodium cygnorum* ssp. *cygnorum*
Areas Recorded: 2, 3, 4, 5, 6
Conservation Area Records: CRNP, FINR
Comments: -

OXALIDACEAE

Taxon: *Oxalis perennans*
Areas Recorded: 2
Conservation Area Records: CRNP
Comments: often determined as *O. corniculata*

ZYGOPHYLLACEAE

Taxon: *Nitraria billardierei*
Areas Recorded: 1, 2, 3, 4, 5, 7
Conservation Area Records: DINR, BINR, FINR, Pelican Island
Comments: -

Taxon: *Tribulus forrestii*
Areas Recorded: 4, 5, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Tribulus cistoides*
Areas Recorded: 2
Conservation Area Records: CRNP
Comments: Southern limit of species range on Dirk Hartog Island

Taxon: *Tribulus occidentalis*
Areas Recorded: 25
Conservation Area Records: CRNP
Comments: Recorded from margins of study area

Taxon: *Tribulus macrocarpus*
Areas Recorded: 5, 6
Conservation Area Records: CRNP
Comments: Southern limit of species range on Hamelin Station

Taxon: *Tribulus platypterus*
Areas Recorded: 6
Conservation Area Records: CRNP
Comments: -

Taxon: **Tribulus terrestris*
Areas Recorded: 4
Conservation Area Records: -
Comments: A weed, in Denham townsite

Taxon: *Zygophyllum ammophilum*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *Z. compressum*

Taxon: *Zygophyllum apiculatum*
Areas Recorded: 2, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Dirk Hartog Station

Taxon: *Zygophyllum aurantiacum*
Areas Recorded: 4, 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Zygophyllum billardierei*
Areas Recorded: 2
Conservation Area Records: -
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Zygophyllum compressum*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: -

Taxon: *Zygophyllum fruticosum*
Areas Recorded: 1, 2, 3, 4, 6, 7
Conservation Area Records: DINR, FINR, FPNP, KNP CRNP, SBCP
Comments: -

Taxon: *Zygophyllum ovatum*
Areas Recorded: 4
Conservation Area Records: -
Comments: -

Taxon: *Zygophyllum retivalve*
Areas Recorded: 3
Conservation Area Records: CRNP
Comments: Southern limit of species range, on Carrang Station

Taxon: *Zygophyllum simile*
Areas Recorded: 1, 2, 4
Conservation Area Records: DINR, DINR
Comments: -

Taxon: *Zygophyllum* sp "*Karratha*" (Aplin 3196)
Areas Recorded: 6
Conservation Area Records: -
Comments: perhaps a form of *Z. kochii*

RUTACEAE

Taxon: *Boronia crenulata* var *gracilis*
Areas Recorded: -
Conservation Area Records: -
Comments: Northern limit just south of World Heritage Area

Taxon: *Boronia cymosa*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of species range on Hamelin Station

Taxon: *Boronia purdieana*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Tamala Station

Taxon: *Diplolaena grandiflora*
Areas Recorded: 1, 2, 3, 4, 6, 7
Conservation Area Records: BINR, DINR, FINR, ZNP
Comments: -

Taxon: *Diplolaena mollis*
Areas Recorded: 2, 3, 6
Conservation Area Records: CNR
Comments: Northern limit of species range, on Dirk Hartog Island. Previously determined as *D. microcephala*

Taxon: *Geleznovia verrucosa*
Areas Recorded: 2, 3, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Dirk Hartog Island

POLYGALACEAE

Taxon: *Comesperma integerrimum*
Areas Recorded: 6
Conservation Area Records: ZNP, KNP
Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Comesperma scoparium*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Tamala Station

EUPHORBIACEAE

Taxon: *Adriana tomentosa*
Areas Recorded: 3, 4, 6
Conservation Area Records: KNP, CRNP, FPNP
Comments: -

Taxon: *Beyeria cinerea*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, BINR
Comments: -

Taxon: *Beyeria cyanescens*
Areas Recorded: 1, 2
Conservation Area Records: BINR, DINR
Comments: ?Endemic to World Heritage Area

Taxon: *Euphorbia alsiniflora*
Areas Recorded: 1
Conservation Area Records: DINR
Comments: Southern limit of species range, on Dorre Island

Taxon: *Euphorbia atoto*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *Euphorbia myrtooides*

Taxon: *Euphorbia australis* ssp. *australis*
Areas Recorded: 1, 2, 3, 6
Conservation Area Records: DINR, CRNP, FPNP, SBCP
Comments: -

Taxon: *Euphorbia boophthona*
Areas Recorded: 1, 2, 4, 7
Conservation Area Records: DINR, FPNP, FINR, SBCP
Comments: -

Taxon: *Euphorbia drummondii*
Areas Recorded: 1, 2, 3, 4, 5, 6, 7
Conservation Area Records: DINR, FINR, KNP, CRNP, FPNP
Comments: -

Taxon: *Euphorbia myrtooides*
Areas Recorded: 2, 5
Conservation Area Records: CRNP
Comments: -

Taxon: *Euphorbia sharkoensis*
Areas Recorded: 1, 2
Conservation Area Records: DINR
Comments: Southern limit of species range on Dirk Hartog Island

Taxon: *Euphorbia tannensis* ssp. *eremophila*
Areas Recorded: 1, 2, 5, 6
Conservation Area Records: DINR, BINR
Comments: -

Taxon: *Monotaxis lurida*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Phyllanthus calycinus*
Areas Recorded: 1, 2, 3, 6
Conservation Area Records: KNP, DINR
Comments: Perhaps Northern limit of species range, but a closely related form of this species is found on NW Cape

Taxon: *Phyllanthus fuernrohrri*
Areas Recorded: 1, 2
Conservation Area Records: DINR, CRNP
Comments: Southern limit of species range, on Dirk Hartog Island

Taxon: *Phyllanthus lacunellus*
Areas Recorded: 3, 4
Conservation Area Records: -
Comments: -

Taxon: *Phyllanthus* sp nov. (Trudgen 7563)
Areas Recorded: 4
Conservation Area Records: -
Comments: ?Endemic to World Heritage Area

Taxon: *Poranthera microphylla*
Areas Recorded: 2
Conservation Area Records: KNP
Comments: -

Taxon: **Riccinus communis*
Areas Recorded: 2, 6
Conservation Area Records: -
Comments: -

Taxon: *Sauropus crassifolius*
Areas Recorded: 2, 6
Conservation Area Records: -
Comments: ?Southern limit of species range on Hamelin Station

STACKHOUSIACEAE

Taxon: *Stackhousia muricata*
Areas Recorded: 2, 6
Conservation Area Records: KNP, CRNP
Comments: -

Taxon: *Stackhousia pubescens*
Areas Recorded: -
Conservation Area Records: KNP
Comments: Northern limit just south of World Heritage Area

Taxon: *Stackhousia viminea*
Areas Recorded: -
Conservation Area Records: -
Comments: Taxonomically confused; perhaps all collections are *S. muricata* at Shark Bay

SAPINDACEAE

Taxon: *Alectryon oleifolius* ssp. *oleifolius*

Areas Recorded: 1, 2, 4, 5, 6

Conservation Area Records: DINR, BINR, FPNP, SBCP

Comments: Previously listed as *Heterodendron oleifolium* var *oleifolium*

Taxon: *Diplopeltis huegelii* var *subintegra*

Areas Recorded: 4, 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Nanga Station

Taxon: *Diplopeltis intermedia* var *incana*

Areas Recorded: 3, 4

Conservation Area Records: KNP, CRNP

Comments: -

Taxon: *Diplopeltis intermedia* var *intermedia*

Areas Recorded: 4, 6

Conservation Area Records: KNP, CRNP

Comments: -

Taxon: *Diplopeltis intermedia* var nov "*glabra*" (Trudgen 7274)

Areas Recorded: 4, 6

Conservation Area Records: -

Comments: ?Endemic to World Heritage area

Taxon: *Diplopeltis petiolaris*

Areas Recorded: 6

Conservation Area Records: KNP, ZNP

Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Dodonea aptera*

Areas Recorded: 2, 3

Conservation Area Records: -

Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Dodonea inaequifolia*

Areas Recorded: 2, 4

Conservation Area Records: KNP, ?FPNP

Comments: Northern limit of species range on Peron Station

Taxon: *Dodonea viscosa* ssp. *angustissima*

Areas Recorded: 3, 4, 6, 7

Conservation Area Records: KNP, FINR, FPNP

Comments: Northern limit of subspecies range in Francois Peron National Park

RHAMNACEAE

Taxon: *Cryptandra leucophracta*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, redetermined as *Stenanthemum complicatum*

Taxon: *Cryptandra mutila*
Areas Recorded: 1, 2, 3
Conservation Area Records: DINR
Comments: Northern limit of species range on Dorre Island

Taxon: *Cryptandra ?nudiflora* (AS George 11620)
Areas Recorded: 2, 3, 4
Conservation Area Records: KNP
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Spyridium divaricatum*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, redetermined as *Stenanthemum divaricatum*

Taxon: *Stenanthemum complicatum*
Areas Recorded: 2, 3, 4, 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Stenanthemum divaricatum*
Areas Recorded: 2, 4
Conservation Area Records: -
Comments: Southern limit of species range on Dirk Hartog Island

TILIACEAE

Taxon: *Corchorus walcotti*
Areas Recorded: 1, 4, 6
Conservation Area Records: DINR, CRNP
Comments: -

MALVACEAE

Taxon: *Abutilon cryptopetalum*
Areas Recorded: 1
Conservation Area Records: DINR
Comments: -

Taxon: *Abutilon exonemum*
Areas Recorded: 1
Conservation Area Records: DINR
Comments: Southern limit of species range on Dorre Island

Taxon: *Abutilon geranioides*
Areas Recorded: 1, 2, 5, 6, 7
Conservation Area Records: DINR, FINR
Comments: Southern limit of species range on Tamala Station

Taxon: *Abutilon oxycarpum*
Areas Recorded: 2, 4, 6, 7
Conservation Area Records: FINR
Comments: Southern limit of species range on Tamala Station

Taxon: *Abutilon* sp. aff. *oxycarpum* (Morat 8145)
Areas Recorded: 1
Conservation Area Records: DINR
Comments: -

Taxon: *Abutilon* sp. "Hamelin" (A. M. Ashby 2196)
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Alogyne cuneiformis*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, FPNP, KNP, CRNP
Comments: -

Taxon: *Alogyne huegelii* var *huegelii*
Areas Recorded: 3
Conservation Area Records: -
Comments: New record. Northern limit of species range on Carrang Station

Taxon: *Alogyne pinoniana* var *leptochlamys*
Areas Recorded: 4, 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of variety range on Tamala Station

Taxon: *Alogyne pinoniana* var *pinoniana*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: CRNP, DINR, BINR, SBCP
Comments: -

Taxon: *Hibiscus ?coatesii*
Areas Recorded: 2
Conservation Area Records: CRNP
Comments: Taxonomically confused; material on loan from Perth

Taxon: *Hibiscus sturtii* var *truncatus*
Areas Recorded: 1, 5, 7
Conservation Area Records: DINR, FINR
Comments: -

Taxon: **Lavatera cretica*
Areas Recorded: 6, 7
Conservation Area Records: FINR
Comments: -

Taxon: *Lavatera plebeia* var *tomentosa*
Areas Recorded: 2, 7
Conservation Area Records: FINR
Comments: ?Northern limit of variety on Dirk Hartog Island

Taxon: *Lawrenzia densiflora*
Areas Recorded: 4, 5, 6, 7
Conservation Area Records: FPNP, FINR
Comments: -

Taxon: *Lawrenzia viridigrisea*
Areas Recorded: 2, 3, 4, 5, 7
Conservation Area Records: FINR, FPNP
Comments: -

Taxon: **Malva parviflora*
Areas Recorded: 2, 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Sida calyxhymenia*
Areas Recorded: 2, 4, 7
Conservation Area Records: KNP, FINR, FPNP, SBCP
Comments: -

Taxon: *Sida corrugata*
Areas Recorded: 2
Conservation Area Records: CRNP
Comments: -

Taxon: *Sida fibulifera*
Areas Recorded: 1
Conservation Area Records: DINR
Comments: Southern limit of species range on Dorre Island

Taxon: *Sida kingii*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

VITACEAE

Taxon: *Clematocissus angustissima*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: Northern limit of species range in Zuytdorp National Park

STERCULIACEAE

Taxon: *Brachychiton gregorii*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: *Commersonia gaudichaudii*
Areas Recorded: 2, 4, 6
Conservation Area Records: KNP, FPNP
Comments: -

Taxon: *Guichenotia ledifolia*
Areas Recorded: 2, 3, 4, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Guichenotia* aff. *micrantha* (Wittwer 1809)
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Tamala Station

Taxon: *Hannafordia quadrivalvis*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, CNR, KNP, CRNP, FPNP
Comments: -

Taxon: *Keraudrenia hermanniifolia*
Areas Recorded: 1, 4, 6
Conservation Area Records: KNP, CRNP, BINR, CNR
Comments: -

Taxon: *Keraudrenia integrifolia*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: -

Taxon: *Lasiopetalum oppositifolium*
Areas Recorded: 1, 2, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Dorre Island

Taxon: *Rulingia cygnorum* var *borealis*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, valid name is *Rulingia malvifolia*

Taxon: *Rulingia densiflora*
Areas Recorded: 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Tamala Station

Taxon: *Rulingia luteiflora*
Areas Recorded: 2, 5
Conservation Area Records: -
Comments: -

Taxon: *Rulingia malvifolia* var *borealis*
Areas Recorded: 2, 3, 4
Conservation Area Records: -
Comments: Northern limit of species/variety range on Dirk Hartog Island

DILLENACEAE

Taxon: *Hibbertia acerosa*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Hibbertia racemosa*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Tamala Station

Taxon: *Hibbertia spicata* ssp. *spicata*
Areas Recorded: 6
Conservation Area Records: KNP, CRNP, ZNP
Comments: -

FRANKENIACEAE

Taxon: *Frankenia cinerea*
Areas Recorded: 3, 4
Conservation Area Records: FPNP
Comments: Type from World Heritage area

Taxon: *Frankenia confusa*
Areas Recorded: 2
Conservation Area Records: -
Comments: -

Taxon: *Frankenia pauciflora*
Areas Recorded: 1, 2, 3, 4, 5, 6, 7
Conservation Area Records: DINR, FINR, FPNP, ZNP
Comments: Type from World Heritage area

Taxon: *Frankenia setosa*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

THYMELAEACEAE

Taxon: *Pimelea gilgiana*
Areas Recorded: 2, 3, 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Pimelea lehmanniana* ssp. *lehmanniana*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, redetermined as *Pimelea sessilis*

Taxon: *Pimelea leucantha*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Tamala Station. New record.

Taxon: *Pimelea microcephala* ssp. *microcephala*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, CNR, KNP, FPNP, BINR, CRNP, SBCP
Comments: -

Taxon: *Pimelea sessilis*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Tamala Station

MYRTACEAE

Taxon: *Baeckea pentagonantha*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Coburn Station

Taxon: *Baeckea* sp 21 (A.S. George 11346)

Areas Recorded: 4, 6

Conservation Area Records: -

Comments: Northern limit of species range on Peron Station

Taxon: *Baeckea* sp 38 (Trudgen 7180)

Areas Recorded: 6

Conservation Area Records: KNP, CNR

Comments: Northern limit of species range on Tamala Station

Taxon: *Baeckea* sp "Murchison River" (Hopper 1428)

Areas Recorded: 6

Conservation Area Records: KNP, CNR

Comments: Northern limit of species range in Cooloomia Nature Reserve

Taxon: *Beaufortia dampieri*

Areas Recorded: 1, 2, 3, 4, 6

Conservation Area Records: KNP, BINR, DINR, ZNP

Comments: Northern limit of species range on Dorre Island

Taxon: *Calothamnus blepharospermus*

Areas Recorded: 6

Conservation Area Records: KNP, CNR, ZNP

Comments: Northern limit of species range on Tamala Station

Taxon: *Calothamnus formosus* ssp. *formosus*

Areas Recorded: 6

Conservation Area Records: CNR

Comments: endemic to World Heritage Area

Taxon: *Calothamnus glaber*

Areas Recorded: 6

Conservation Area Records: -

Comments: Northern limit of species range on Tamala Station

Taxon: *Calothamnus kalbarriensis*

Areas Recorded: 6

Conservation Area Records: KNP, CNR

Comments: Northern limit of species range on Tamala Station

Taxon: *Calothamnus quadrifidus*
Areas Recorded: 4, 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Nanga Station

Taxon: *Calytrix brevifolia*
Areas Recorded: 6
Conservation Area Records: KNP, CRNP, ZNP
Comments: a collection from Cape Range appears to be this variable species, Shark Bay is not Northern limit

Taxon: *Calytrix strigosa*
Areas Recorded: 2, 4, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Dirk Hartog Island. Type from Shark Bay.

Taxon: *Chamelaucium "oenanthum"*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Chamelaucium "conostigmum"*
Areas Recorded: ?6
Conservation Area Records: -
Comments: There is a collection of this species in PERTH with the locality labelled as Hamelin Pool

Taxon: *Eremaea dendroidea*
Areas Recorded: 6
Conservation Area Records: CNR
Comments: Northern limit of species range on Nanga Station

Taxon: *Eucalyptus beardiana*
Areas Recorded: 6
Conservation Area Records: -
Comments: almost confined to World Heritage Area

Taxon: *Eucalyptus decipiens*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material redetermined as *E. fruticosa*

Taxon: *Eucalyptus erythrocorys*
Areas Recorded: 6
Conservation Area Records: ZNP, KNP
Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Eucalyptus eudesmioides* ssp. *eudesmioides*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: There are several populations of this species disjunct on the coast west of Lake McCloud

Taxon: *Eucalyptus dongarrensensis*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *E. obtusiflora*

Taxon: *Eucalyptus eudesmioides* ssp. *pallida*
Areas Recorded: 6
Conservation Area Records:
Comments: Northern limit of subspecies range on Towranna Station

Taxon: *Eucalyptus eudesmioides* ssp. *sellachiana*
Areas Recorded: 3, 4, 6
Conservation Area Records: CNR
Comments: Endemic to World Heritage Area

Taxon: *Eucalyptus fruticosa*
Areas Recorded: 1, 4, 6
Conservation Area Records: KNP, BINR, ZNP
Comments: Not Southern limit, now extends to Kalbarri

Taxon: *Eucalyptus gittinsii*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Nanga Station

Taxon: *Eucalyptus jucunda*
Areas Recorded: 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Cooloomia Station or Coburn Station

Taxon: *Eucalyptus jucunda* x *E. roycei*
Areas Recorded: 6
Conservation Area Records: CNR
Comments: Rare hybrid

Taxon: *Eucalyptus mannensis*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: -

Taxon: *Eucalyptus obtusiflora*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: KNP, BINR, DINR
Comments: Also disjunct to west of Lake McCloud

Taxon: *Eucalyptus oldfieldii*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Nerren Nerren, probably occurs in World Heritage Area

Taxon: *Eucalyptus oraria*
Areas Recorded: 1, 2, 4, 6
Conservation Area Records: BINR, DINR, CNR
Comments: Northern limit of species range on Bernier Island

Taxon: *Eucalyptus* aff. *prominens* (S. Hopper 1333)
Areas Recorded: 4, 6
Conservation Area Records: CRNP
Comments: Southern limit for species range on Tamala Station, disjunct from Quobba Station

Taxon: *Eucalyptus rigidula*
Areas Recorded: 4
Conservation Area Records: KNP, FPNP
Comments: Northern limit of species range on Peron Station

Taxon: *Eucalyptus redunca*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material redetermined

Taxon: *Eucalyptus roycei*
Areas Recorded: 4, 6
Conservation Area Records: CNR
Comments: Endemic to World Heritage area

Taxon: *Lamarchea hakeifolia* var *hakeifolia*
Areas Recorded: 4, 6
Conservation Area Records: FPNP, CNR
Comments: Endemic to World Heritage Area, type from Shark Bay

Taxon: *Lamarchea hakeifolia* var *brevifolia*
Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: Northern limit of varieties range on Peron Station

Taxon: *Malleostemon hursthousei*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit on Coburn Station

Taxon: *Malleostemon minilyaensis*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Malleostemon pedunculatus*
Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Carrarang Station

Taxon: *Malleostemon peltiger*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Coburn Station. Previously listed as
Micromyrtus peltiger

Taxon: *Malleostemon* sp. "*Cooloomia*" (Hopper 1353)
Areas Recorded: 6
Conservation Area Records: CNR
Comments: Endemic to World Heritage (Cooloomia) Area

Taxon: *Malleostemon* sp. "*Nerren Nerren*" (Payne 360)
Areas Recorded: 6
Conservation Area Records: -
Comments: Only recorded from Nerren Nerren Station

Taxon: *Melaleuca cardiophylla*
Areas Recorded: 1, 2, 4, 6
Conservation Area Records: DINR, FPNP, KNP, CRNP
Comments: -

Taxon: *Melaleuca huegelii* ssp *pristicensis*
Areas Recorded: 2, 3, 6
Conservation Area Records: -
Comments: Endemic to World Heritage area

Taxon: *Melaleuca holosericea*
Areas Recorded: 2
Conservation Area Records: KNP
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Melaleuca lanceolata* ssp *occidentalis*
Areas Recorded: 2
Conservation Area Records: -
Comments: Northern limit of species/subspecies range on Dirk Hartog Island

Taxon: *Melaleuca leiopyxis*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range on Nanga Station

Taxon: *Melaleuca ?leptospermoides*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, this species now restricted to central/southern wheatbelt

Taxon: *Melaleuca scabra*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined

Taxon: *Melaleuca uncinata*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: near Northern limit on coast on Hamelin Station

Taxon: *Melaleuca viminea* ssp *viminea*
Areas Recorded: 3
Conservation Area Records: KNP
Comments: Northern limit of species/subspecies range on Carrang Station. New record.

Taxon: *Melaleuca* sp 1 (C. Gardner 13412)
Areas Recorded: 3, 4, 6
Conservation Area Records: -
Comments: Endemic to World Heritage area

Taxon: *Melaleuca* sp 2 (aff. *oldfieldii/nesophila*) (JS Beard 6768)
Areas Recorded: 2, 4, 6
Conservation Area Records: -
Comments: Endemic to World Heritage area. Previously listed as *M. aff. oldfieldii* (A.S. George sn Dirk Hartog) or *M. aff. nesophila* (J.S. Beard 6768)

Taxon: *Melaleuca* sp. 3 (Trudgen sn)
Areas Recorded: 6
Conservation Area Records: -
Comments: ?Endemic to World Heritage area

Taxon: *Pileanthus verrucosus*
Areas Recorded: 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Coburn Station

Taxon: *Pileanthus limacis*
Areas Recorded: 1, 2, 6
Conservation Area Records: DINR, BINR
Comments: Southern limit of species range on Hamelin Station. Type from Shark Bay

Taxon: *Pileanthus peduncularis*
Areas Recorded: 6
Conservation Area Records: KNP, CNR, ZNP
Comments: -

Taxon: *Pileanthus "bellus"*
Areas Recorded: 6
Conservation Area Records: ZNP
Comments: Northern limit of species range in Zuytdorp National Park

Taxon: *Pileanthus aff. peduncularis* (Hopper 1385)
Areas Recorded: 6
Conservation Area Records: CNR
Comments: -

Taxon: *Scholtzia leptantha*
Areas Recorded: 4, 5, 6
Conservation Area Records: KNP, FPNP
Comments: -

Taxon: *Scholtzia sp. "Shark Bay"* (Trudgen 7429)
Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Nanga Station

Taxon: *Scholtzia oligandra*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, mis-identification, species at Northern limit at East Yuna

Taxon: *Scholtzia umbellifera*
Areas Recorded: -
Conservation Area Records: KNP
Comments: Delete, specimen from Shark Bay under this name is referable to *S. leptantha*

Taxon: *Thryptomene baeckeacea*
Areas Recorded: 1, 2, 3, 4, 6, 7
Conservation Area Records: DINR, FPNP, KNP, CRNP, FINR
Comments: Collected by William Dampier at Shark Bay in 1699!

Taxon: *Thryptomene prolifera*
Areas Recorded: 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Cooloomia Station

Taxon: *Thryptomene decussata*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of species range on Coburn Station

Taxon: *Thryptomene racemulosa*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Coburn Station

Taxon: *Thryptomene strongylophylla*
Areas Recorded: 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Cooloomia Station. New record.

Taxon: *Thryptomene strongylophylla* ssp. "*Tamala*" (Trudgen 7384)
Areas Recorded: 6
Conservation Area Records: -
Comments: Endemic to World Heritage area

Taxon: *Thryptomene* sp. "*Carrang*" (Trudgen 7420)
Areas Recorded: 3, 6, 7
Conservation Area Records: FINR
Comments: Endemic to World Heritage area

Taxon: *Thryptomene* sp "*Steep Point*" (Trudgen 7421)
Areas Recorded: 2, 3
Conservation Area Records: -
Comments: Endemic to World Heritage area

Taxon: *Verticordia cooloomia*
Areas Recorded: 6
Conservation Area Records: CNR
Comments: Endemic to World Heritage Area

Taxon: *Verticordia dichroma* var *dichroma*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of varieties range on Coburn/Meadow Station

Taxon: *Verticordia dichroma* var *syntoma*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of varieties range on ?VCL south of Tamala Station

Taxon: *Verticordia etheliana* var *etheliana*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of varieties range on VCL south of Tamala Station

Taxon: *Verticordia spicata* ssp. *spicata*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Vague locality suggests may be in SE margin of World Heritage Area

HALORAGACEAE

Taxon: *Glischrocaryon aureum* var *aureum*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species/varieties range on Tamala Station

Taxon: *Glischrocaryon flavescens*
Areas Recorded: ?6
Conservation Area Records: KNP
Comments: Range end just south of World Heritage Area

Taxon: *Haloragis gossei*
Areas Recorded: 2
Conservation Area Records: CRNP
Comments: -

Taxon: *Haloragis trigonocarpa*
Areas Recorded: 1, 2, 4, 6
Conservation Area Records: KNP, DINR, FPNP
Comments: -

APIACEAE

Taxon: *Daucus glochidiatus*
Areas Recorded: 1, 2, 4, 6
Conservation Area Records: DINR, FPNP, CRNP, SBCP
Comments: -

Taxon: *Neosciadium glochidiatum*
Areas Recorded: 2, 3, 4
Conservation Area Records: FPNP
Comments: Northern limit of species range in Francois Peron National Park

Taxon: *Trachymene elachocarpa*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, FPNP
Comments: Endemic to World Heritage Area

Taxon: *Trachymene ornata*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Cockburn Station

Taxon: *Trachymene pilosa*
Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Peron Station

Taxon: *Uldinia ceratocarpa*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: Northern limit of species range in Francois Peron National Park

EPACRIDACEAE

Taxon: *Leucopogon cordifolius*
Areas Recorded: 4, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Carrang Station

PRIMULACEAE

Taxon: **Anagallis arvensis* var *arvensis*
Areas Recorded: 4
Conservation Area Records: FPNP
Comments: Around bore at homestead, in Denham

Taxon: **Anagallis arvensis* var *caerulea*
Areas Recorded: 2, 4, 6
Conservation Area Records: KNP, FPNP
Comments: -

Taxon: *Samolus repens* var *pauciflorus*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: FINR, KNP, FPNP
Comments: Northern limit of varieties range. Previously determined as *Samolus junceus*

Taxon: *Samolus* sp "Shark Bay"
Areas Recorded: 4, 5, 6
Conservation Area Records: CRNP
Comments: previously determined as *S. repens* ssp. *floribundus*. Southern limit of species range on Hamelin Station.

PLUMBAGINACEAE

Taxon: *Muellerolimon salicorniaceum*
Areas Recorded: 2, 4, 5
Conservation Area Records: CRNP, FPNP, FINR, FPNP
Comments: Disjunct from Peron Peninsula to Abrolhos, then Mandurah

OLEACEAE

Taxon: *Jasminum calcareum*
Areas Recorded: 1, 2, 3, 4, 5, 6, 7
Conservation Area Records: KNP, DINR, FPNP, FINR
Comments: Not Southern limit, extends to Kalbarri

Taxon: *Jasminum* sp. (B. Turner 1)
Areas Recorded: 3, 4
Conservation Area Records: -
Comments: Allied to *J. didymum* ssp. *lineare*. Southern limit of this species on Carrarang Station.

LOGANIACEAE

Taxon: *Logania biloba*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit VCL west of Nerren Nerren.

Taxon: *Logania* aff. *vaginalis* (Trudgen 7478)
Areas Recorded: 2, 3, 4
Conservation Area Records: CRNP
Comments: Southern limit of species range on Tamala Station

GENTIANACEAE

Taxon: **Centaurium spicatum*
Areas Recorded: 1, 2, 4, 6
Conservation Area Records: DINR, FPNP
Comments: Previously recorded as *C. erythraea*

APOCYNACEAE

Taxon: *Alyxia buxifolia*
Areas Recorded: 3, 4, 6
Conservation Area Records: -
Comments: ?Northern limit of species range on Nanga Station

ASCLEPIADACEAE

Taxon: *Cynanchum floribundum*
Areas Recorded: -
Conservation Area Records: KNP
Comments: Delete, northern limit at Murchison River. Not recorded in World Heritage Area

Taxon: *Gymnea "granitica"*
Areas Recorded: 1, 3, 4
Conservation Area Records: BINR, FINR, FPNP
Comments: Northern limit of species range in Francois Peron National Park

Taxon: *Gymnanthera nitida*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *Gymnema "granitica"*

Taxon: *Marsdenia australis*
Areas Recorded: 4, 6
Conservation Area Records: CRNP
Comments: previously determined as *Leichardtia australis*

Taxon: *Rhyncharrhena linearis*
Areas Recorded: 2, 3, 4, 6
Conservation Area Records: CRNP
Comments: -

Taxon: *Sarcostemma viminale ssp. australe*
Areas Recorded: 2, 4, 5, 6
Conservation Area Records: KNP, FPNP
Comments: previously determined as *Sarcostemma australe*

CONVOLVULACEAE

Taxon: *Bonamia rosea*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: -

Taxon: *Convolvulus erubescens*

Areas Recorded: 1, 3, 4, 7

Conservation Area Records: DINR, KNP, FINR, FPNP

Comments: -

Taxon: *Ipomoea pes-caprae* ssp. *brasiliensis*

Areas Recorded: 4

Conservation Area Records: CRNP

Comments: Southern limit on Peron Station

Taxon: *Porana sericea*

Areas Recorded: 1, 2, 4

Conservation Area Records: DINR, BINR, FPNP

Comments: -

Taxon: *Polymeria* sp (Cranfield 2563)

Areas Recorded: 1, 2, 4

Conservation Area Records: DINR, BINR

Comments: -

Taxon: *Wilsonia backhousei*

Areas Recorded: 3

Conservation Area Records: -

Comments: Northern limit on Carrarang Station. New record.

Taxon: *Wilsonia humilis*

Areas Recorded: 3, 7

Conservation Area Records: FINR

Comments: Northern limit of species range on Salutation Island

CUSCUTACEAE

Taxon: **Cuscuta epithymum*

Areas Recorded: 3, 4, 7

Conservation Area Records: KNP, FINR, FPNP

Comments: Previously determined as *C. australis*. Northern limit.

BORAGINACEAE

Taxon: *Halgania ?bebrana*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range near Carnarvon

Taxon: *Halgania littoralis*
Areas Recorded: 2, 3, 4
Conservation Area Records: FPNP
Comments: Species re-defined, now considered endemic to World Heritage area

Taxon: *Halgania viscosa*
Areas Recorded: 3, 6
Conservation Area Records: -
Comments: -

Taxon: *Halgania* sp "Shark Bay" (Trudgen 7379)
Areas Recorded: 4
Conservation Area Records: CRNP
Comments: Southern limit of species range on Peron Station

Taxon: *Heliotropum curassavicum*
Areas Recorded: 4, 6
Conservation Area Records: CRNP, FPNP
Comments: -

Taxon: *Heliotropum undulatum*
Areas Recorded: 1, 4
Conservation Area Records: DINR, SBCP
Comments: -

Taxon: *Trichodesma zeylanicum* var *zeylanicum*
Areas Recorded: 1, 2, 3, 4, 5, 6
Conservation Area Records: DINR, BINR, FPNP
Comments: -

CHLOANTHACEAE

Taxon: *Cyanostegia lanceolata*
Areas Recorded: ?6
Conservation Area Records: -
Comments: Occurs just south of World Heritage Area

Taxon: *Dicrastylis cordifolia*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Dicrastylis* sp. (Shark Bay)

Taxon: *Dicrastylis fulva*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Dicrastylis micrantha*

Taxon: *Dicrastylis linearifolia*

Areas Recorded: 6

Conservation Area Records: -

Comments: Northern limit of species range on Meadow Station

Taxon: *Dicrastylis micrantha*

Areas Recorded: 6

Conservation Area Records: ZNP

Comments: Northern limit of species range on Nanga Station

Taxon: *Dicrastylis* sp. "Shark Bay" (Alford 1318)

Areas Recorded: 1, 2, 4, 7

Conservation Area Records: DINR, FINR, FPNP

Comments: Endemic to World Heritage Area

Taxon: *Dicrastylis* sp. "Peron" (Trudgen 7373)

Areas Recorded: 4

Conservation Area Records: -

Comments: Only one collection. Endemic to World Heritage Area

Taxon: *Lachnostachys eriobotrya*

Areas Recorded: -

Conservation Area Records: KNP

Comments: Recorded just south of World Heritage Area

Taxon: *Newcastelia chrysophylla*

Areas Recorded: 6

Conservation Area Records: CNR, ZNP

Comments: Considered endemic to World Heritage area, but reaches Vermin Proof fence on Southern margin and may occur south of here on Murchison House Station.

Taxon: *Pityrodia atriplicina*

Areas Recorded: 2, 6

Conservation Area Records: KNP, ZNP

Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Pityrodia cuneata*
Areas Recorded: 2, 4, 6
Conservation Area Records: -
Comments: Northern limit of species range on Peron Station/Dirk Hartog Island

Taxon: *Pityrodia glabra*
Areas Recorded: 6
Conservation Area Records: -
Comments: Endemic to World Heritage area. Very closely related to *P. glutinosa* (a species occurring on Nerren Nerren and Meadow Station).

Taxon: *Pityrodia hemigenioides*
Areas Recorded: -
Conservation Area Records: KNP
Comments: Occurs just south of World Heritage Area

Taxon: *Pityrodia loxocarpa*
Areas Recorded: 4, 6
Conservation Area Records: KNP, CRNP, CNR
Comments: -

Taxon: *Pityrodia oldfieldii*
Areas Recorded: 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Tamala Station

Taxon: *Pityrodia paniculata*
Areas Recorded: 5, 6
Conservation Area Records: CRNP
Comments: Southern limit of species range on Coburn Station

AVICENNIACEAE

Taxon: *Avicennia marina*
Areas Recorded: 4
Conservation Area Records: CRNP, FPNP
Comments: Southernmost on mainland; disjunct to Abrolhos Islands, then Bunbury

LAMIACEAE

Taxon: *Hemiandra* sp. 1. (Beard 7059)
Areas Recorded: 6
Conservation Area Records: -
Comments: ?Endemic to World Heritage Area

Taxon: *Hemiandra* sp. 2. (Trudgen sn)
Areas Recorded: 3
Conservation Area Records: -
Comments: ?Endemic to World Heritage area

Taxon: *Hemigenia macrantha*
Areas Recorded: 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range on Tamala Station

Taxon: **Salvia verbenaca*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Westringia dampieri*
Areas Recorded: 1, 2, 3
Conservation Area Records: DINR, KNP
Comments: Northern limit of species range on Dorre Island

SOLANACEAE

Taxon: *Anthocercis intricata*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: Northern limit of species range on Peron Station

Taxon: *Anthocercis* sp. "Shark Bay" (Aplin 3335)
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: Previously determined as *A. littorea*. Ranges from Cape Cuvier to Tamala Station.

Taxon: *Anthotroche myoporoides*
Areas Recorded: 6
Conservation Area Records: ?ZNP
Comments: Northern limit of species range on Meadow Station. Previously listed as *A. walcottii*.

Taxon: *Anthotroche walcottii*
Areas Recorded: ?6
Conservation Area Records: ?ZNP
Comments: There is a doubtful locality record of this species in PERTH, labelled "Shark Bay". Beard also lists this species as occurring in Zuytdorp National Park, but this is probably *A. myoporoides*.

Taxon: *Dubosia hopwoodii*
Areas Recorded: 6
Conservation Area Records: CRNP
Comments: -

Taxon: *Datura leichhardtii*
Areas Recorded: 5
Conservation Area Records: -
Comments: Occurs on Wooramel River, probably Southern limit of species range

Taxon: **Lycium ferocissimum*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Lycium australe*
Areas Recorded: 4, 5
Conservation Area Records: FPNP, SBCP
Comments: -

Taxon: **Nicotiana glauca*
Areas Recorded: 4
Conservation Area Records: -
Comments: -

Taxon: *Nicotiana occidentalis ssp. hesperis*
Areas Recorded: 1, 2, 4, 5, 7
Conservation Area Records: CRNP, DINR, BINR, FINR, FPNP, SBCP
Comments: -

Taxon: *Nicotiana occidentalis ssp. obliqua*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: -

Taxon: **Solanum americanum*
Areas Recorded: 6
Conservation Area Records: -
Comments: One record from Hamelin Pool

Taxon: *Solanum hesperium*
Areas Recorded: 1, 2, 4, 6
Conservation Area Records: DINR, FPNP, KNP
Comments: Not Northern limit, now known to extend to Lowendale Islands

Taxon: *Solanum lasiophyllum*
Areas Recorded: 1, 2, 3, 4, 5, 6
Conservation Area Records: KNP, CRNP, BINR, FPNP, SBCP
Comments: -

Taxon: **Solanum nigrum*
Areas Recorded: 2, 6, 7
Conservation Area Records: KNP, CRNP, FINR, FPNP
Comments: -

Taxon: *Solanum oldfieldii*
Areas Recorded: -
Conservation Area Records: KNP
Comments: Not recorded within World Heritage Area; just south

Taxon: *Solanum orbiculatum* ssp. *orbiculatum*
Areas Recorded: 1, 2, 3, 4, 5, 6
Conservation Area Records: DINR, KNP, BINR, CNR, FPNP, SBCP
Comments: -

Taxon: *Solanum symonii*
Areas Recorded: 6
Conservation Area Records: ?ZNP
Comments: Beard records *Solanum simile* as occurring in Zuytdorp National Park, this is probably *S. symonii*, but we have seen no material. Both records are at their northern limits

SCROPHULARIACEAE

Taxon: **Dischisma arenarium*
Areas Recorded: 4
Conservation Area Records: -
Comments: -

Taxon: *Stemodia florentula*
Areas Recorded: 5
Conservation Area Records: -
Comments: Previously listed as *Morgania floribunda*

Taxon: *Stemodia viscosa*
Areas Recorded: 5, 6
Conservation Area Records: KNP
Comments: Probably will be described as a new species

OROBANCHACEAE

Taxon: *Orobanche minor* var *australiana*
Areas Recorded: 4
Conservation Area Records: -
Comments: New record for area

MYOPORACEAE

Taxon: *Eremophila clarkei*

Areas Recorded: 4, 6

Conservation Area Records: FPNP

Comments: -

Taxon: *Eremophila "cuneata"* (Trudgen 7584)

Areas Recorded: 4

Conservation Area Records: -

Comments: Endemic to the World Heritage Area, only known from one collection

Taxon: *Eremophila decipiens*

Areas Recorded: 4

Conservation Area Records: KNP

Comments: -

Taxon: *Eremophila forrestii*

Areas Recorded: 5

Conservation Area Records: -

Comments: -

Taxon: *Eremophila gibsonii*

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Eremophila glabra* ssp. *carnosa*

Areas Recorded: 4

Conservation Area Records: FPNP

Comments: -

Taxon: *Eremophila glabra* ssp. "*Dirk Hartog*" (M.H. Manning sn 6/9/67)

Areas Recorded: 1, 2

Conservation Area Records: DINR

Comments: Southern limit of subspecies range on Dirk Hartog Island

Taxon: *Eremophila glabra* ssp. "*Shark Bay*" (Trudgen 7473)

Areas Recorded: 4

Conservation Area Records: -

Comments: ?endemic to World Heritage area

Taxon: *Eremophila glabra* ssp. "*tomentosa*"

Areas Recorded: 1

Conservation Area Records: DINR,KNP

Comments: -

Taxon: *Eremophila glabra* ssp. "West Coast" (Aplin 3401)

Areas Recorded: 2, 3, 4, 7

Conservation Area Records: FINR, KNP

Comments: -

Taxon: *Eremophila latrobei* ssp. *latrobei*

Areas Recorded: 1, 5, 6

Conservation Area Records: FPNP, CRNP

Comments: -

Taxon: *Eremophila leucophylla*

Areas Recorded: -

Conservation Area Records: KNP

Comments: Delete, material re-determined as *Eremophila glabra* ssp. *tomentosa*

Taxon: *Eremophila maculata* var. *brevifolia*

Areas Recorded: 5, 6

Conservation Area Records: -

Comments: -

Taxon: *Eremophila mackinlayi*

Areas Recorded: ?

Conservation Area Records: -

Comments: only record : Shark Bay; Maitland Brown; 1863

Taxon: *Eremophila maitlandii*

Areas Recorded: 4, 5, 6, 7

Conservation Area Records: FPNP, FINR

Comments: -

Taxon: *Eremophila oldfieldii* ssp. *oldfieldii*

Areas Recorded: 2, 4, 5, 6

Conservation Area Records: KNP, FPNP

Comments: -

Taxon: *Eremophila pantonii*

Areas Recorded: 5, 6

Conservation Area Records: -

Comments: Northern limit of species range near Wooramel River

Taxon: *Eremophila physocalyx*

Areas Recorded: ?6

Conservation Area Records: -

Comments: Northern limit of species range on Meadow Station

Taxon: *Eremophila platycalyx*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: -

Taxon: *Eremophila pterocarpa*
Areas Recorded: 5, 6
Conservation Area Records: CRNP
Comments: -

Taxon: *Eremophila serrulata*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Probably northern limit of species range on Hamelin Station

Taxon: *Eremophila strongylophylla*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Eremophila subfloccosa*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *E. glabra* ssp. *tomentosa*

Taxon: *Eremophila youngii* ssp. *youngii*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Myoporum deserti*
Areas Recorded: 1, 2, 4, 5, 6
Conservation Area Records: DINR, FINR, CRNP
Comments: -

Taxon: *Myoporum insulare*
Areas Recorded: 1, 2, 3, 4
Conservation Area Records: DINR, BINR, FPNP
Comments: Material listed as *M. adscendens* is this species

Taxon: *Myoporum tetrandrum*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *M. insulare*

PLANTAGINACEAE

Taxon: *Plantago drummondii*
Areas Recorded: 2, 5
Conservation Area Records: -
Comments: -

Taxon: *Plantago* sp "*Mt. Magnet*" (A.S. George 6793)
Areas Recorded: 4, 5
Conservation Area Records: -
Comments: -

RUBIACEAE

Taxon: *Opercularia spermacoea*
Areas Recorded: 1, 2, 3, 6
Conservation Area Records: CRNP, DINR, KNP
Comments: -

Taxon: *Opercularia vaginata*
Areas Recorded: 6
Conservation Area Records: ZNP, CNR
Comments: Northern limit of species range in Cooloomia Nature Reserve

Taxon: *Synaptantha tillaeacea* var *tillaeacea*
Areas Recorded: 4
Conservation Area Records: FPNP
Comments: -

CUCURBITACEAE

Taxon: *Mukia maderaspatana*
Areas Recorded: 5
Conservation Area Records: CRNP
Comments: Southern limit of species range on Wooramel Station

CAMPANULACEAE

Taxon: *Wahlenbergia gracilentia*
Areas Recorded: 2, 4
Conservation Area Records: KNP
Comments: Northern limit of species range on Dirk Hartog Island

LOBELIACEAE

Taxon: *Lobelia heterophylla*
Areas Recorded: 4, 5, 6, 7
Conservation Area Records: KNP, FPNP, FINR
Comments: -

GOODENIACEAE

- Taxon: *Dampiera altissima*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Meadow Station
- Taxon: *Dampiera incana* var *incana*
Areas Recorded: 1, 3, 4
Conservation Area Records: KNP, CRNP, DINR, FPNP
Comments: Type a Dampier 1699 collection from Shark Bay
- Taxon: *Dampiera incana* var *fuscescens*
Areas Recorded: 1, 2, 6
Conservation Area Records: DINR
Comments: Northern limit of variety is on Dorre Island
- Taxon: *Dampiera lindleyi*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Meadow Station
- Taxon: *Dampiera spicigera*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range on Tamala Station
- Taxon: *Goodenia berardiana*
Areas Recorded: 1, 2, 3, 4, 5, 6, 7
Conservation Area Records: DINR, KNP, FINR
Comments: -
- Taxon: *Goodenia corynocarpa*
Areas Recorded: 5
Conservation Area Records: -
Comments: -
- Taxon: *Goodenia mimuloides*
Areas Recorded: 5
Conservation Area Records: -
Comments: -
- Taxon: *Goodenia ochracea*
Areas Recorded: 2, 4
Conservation Area Records: -
Comments: Southern limit of species range on Dirk Hartog Island

Taxon: *Goodenia pinnatifida*
Areas Recorded: 5
Conservation Area Records: KNP
Comments: -

Taxon: *Goodenia sericostachya*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of species range on Coburn Station

Taxon: *Goodenia xanthosperma*
Areas Recorded: -
Conservation Area Records: -
Comments: Occurs just south of World Heritage area, delete

Taxon: *Lechenaultia hirsuta*
Areas Recorded: 6
Conservation Area Records: KNP, CNR
Comments: Northern limit of species range in Cooloomia Nature Reserve

Taxon: *Lechenaultia linarioides*
Areas Recorded: 2, 4, 6
Conservation Area Records: FPNP
Comments: Northern limit of species range on Dirk Hartog Island, or Francois Peron National Park. This is a very distinct form of the species.

Taxon: *Lechenaultia macrantha*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit on Meadow Station

Taxon: *Lechenaultia subcymosa*
Areas Recorded: 1, 2, 3
Conservation Area Records: DINR, CRNP
Comments: Southern limit of species range on Carrang Station

Taxon: *Pentapilon careyi*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit on ?Coburn Station

Taxon: *Scaevola anchusifolia*
Areas Recorded: 2, 4, 6
Conservation Area Records: CRNP
Comments: -

Taxon: *Scaevola chyrosopogon*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: Northern limit of species range on Peron Station. Largely restricted to World Heritage Area.

Taxon: *Scaevola crassifolia*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: DINR, BINR, KNP, ZNP, ?FPNP
Comments: Not Northern limit, now known to extend to Coral Bay

Taxon: *Scaevola cunninghamii*
Areas Recorded: 5, 6
Conservation Area Records: CRNP
Comments: Southern limit of species range on Tamala Station

Taxon: *Scaevola depauperata*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined

Taxon: *Scaevola dielsii*
Areas Recorded: ?6
Conservation Area Records: KNP
Comments: Northern limit just south of World Heritage Area

Taxon: *Scaevola globulifera*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *S. anchusifolia*

Taxon: *Scaevola holosericea*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *S. sericophylla*

Taxon: *Scaevola paludosa*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *S. repens* var *erecta*

Taxon: *Scaevola parviflora*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *S. repens*

Taxon: *Scaevola porocarya*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range VCL south of Tamala Station

Taxon: *Scaevola repens* var *erecta*
Areas Recorded: 1, 2, 3, 4
Conservation Area Records: DINR, KNP
Comments: -

Taxon: *Scaevola sericophylla*
Areas Recorded: 6
Conservation Area Records: CRNP
Comments: Southern limit of species range on Nerren Nerren Station

Taxon: *Scaevola spinescens*
Areas Recorded: 1, 2, 4, 5, 6, 7
Conservation Area Records: KNP, CRNP, ?DINR, FINR, FPNP
Comments: -

Taxon: *Scaevola thesioides*
Areas Recorded: 5, 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Wooramel Station

Taxon: *Scaevola tomentosa*
Areas Recorded: 2, 3, 4, 5, 6
Conservation Area Records: KNP, CRNP, FPNP, SBCP
Comments: -

Taxon: *Velleia cycnoptamica*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: -

STYLIDIACEAE

Taxon: *Stylidium dispernum*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Nerren Nerren Station/Cooloomia Station

Taxon: *Stylidium elongatum*
Areas Recorded: 6
Conservation Area Records: KNP, ZNP
Comments: Northern limit of species range in Zuytdorp National Park

ASTERACEAE

Taxon: *Actinobole condensatum*

Areas Recorded: 2, 3, 4, 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Dirk Hartog Island/Peron Station

Taxon: *Actinobole drummondiana*

Areas Recorded: 5, ?6

Conservation Area Records: -

Comments: Southern limit of range on ?Hamelin Station

Taxon: *Angianthus acrohyalinus*

Areas Recorded: 4, 5, 6

Conservation Area Records: CRNP, FPNP

Comments: Southern limit of species range on Hamelin Station

Taxon: *Angianthus cunninghamii*

Areas Recorded: 1, 2, 3, 4, 6

Conservation Area Records: KNP, DINR, BINR, ZNP, FPNP

Comments: -

Taxon: *Angianthus microcephalus*

Areas Recorded: 2, 3, 6

Conservation Area Records: -

Comments: -

Taxon: *Angianthus* sp. (A.S. George 11471)

Areas Recorded: 2

Conservation Area Records: -

Comments: Only known collection, ?endemic to World Heritage Area

Taxon: *Angianthus* sp (A.S. George 11362)

Areas Recorded: 2

Conservation Area Records: -

Comments: Only known collection, ?endemic to World Heritage Area

Taxon: *Angianthus milnei*

Areas Recorded: 1, 2, 3, 4, 5, 6

Conservation Area Records: DINR, FPNP

Comments: -

Taxon: *Angianthus tomentosus*

Areas Recorded: 2, 6

Conservation Area Records: -

Comments: Northern limit of species range on Dirk Hartog Island

Taxon: **Arctotheca calendula*

Areas Recorded: 2

Conservation Area Records: -

Comments: -

Taxon: **Bidens bipinnata*

Areas Recorded: 1, 2, 4, 7

Conservation Area Records: CRNP, FINR, DINR, BINR

Comments: -

Taxon: *Brachycome cheilocarpa*

Areas Recorded: 3, 4

Conservation Area Records: FPNP

Comments: -

Taxon: *Brachycome ciliaris*

Areas Recorded: 1, 2, 3, 4, 5, 6

Conservation Area Records: KNP, CRNP, DINR, BINR, CNR, FPNP, SBCP

Comments: -

Taxon: *Brachycome ciliocarpa*

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Brachycome halophila*

Areas Recorded: 4, 6, 7

Conservation Area Records: FINR, FPNP

Comments: -

Taxon: *Brachycome iberidifolia*

Areas Recorded: 1, 2, 4, 6

Conservation Area Records: DINR, KNP, CNR, FPNP

Comments: -

Taxon: *Brachycome latisquamea*

Areas Recorded: 1, 2, 3, 4, 5

Conservation Area Records: CRNP, DINR, FINR, FPNP, SBCP

Comments: Southern limit of species range on Tamala Station

Taxon: *Calocephalus aervoides*

Areas Recorded: 1

Conservation Area Records: DINR

Comments: -

Taxon: *Calocephalus brownii*
Areas Recorded: 3, 4
Conservation Area Records: KNP
Comments: -

Taxon: *Calocephalus francisii*
Areas Recorded: 1, 3, 4, 6
Conservation Area Records: DINR, FPNP, KNP
Comments: -

Taxon: *Calocephalus multiceps*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, error for *Calocephalus multiflorus*

Taxon: *Calocephalus multiflorus*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: -

Taxon: *Calotis multicaulis*
Areas Recorded: 2, 5, 6
Conservation Area Records: -
Comments: -

Taxon: **Centaurea melitensis*
Areas Recorded: 2, 4, 6, 7
Conservation Area Records: FINR
Comments: -

Taxon: *Centipedia cunninghamii*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Centipedia minima*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: -

Taxon: *Cephalipterum drummondii*
Areas Recorded: 2, 3, 4, 5, 6
Conservation Area Records: KNP, SBCP
Comments: -

Taxon: *Chrysocoryne pusilla*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *Genphosis tenuissima*

Taxon: *Chthonocephalus muellerianus*
Areas Recorded: 4
Conservation Area Records: -
Comments: -

Taxon: *Chthonocephalus pseudevax*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *Chthonocephalus muellerianus*

Taxon: *Chthonocephalus spathulatus*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Chthonocephalus tomentellus*
Areas Recorded: 4, 5, 6
Conservation Area Records: KNP, FPNP
Comments: -

Taxon: *Cotula cotuloides*
Areas Recorded: 2
Conservation Area Records: KNP
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Cratystylis subspinescens*
Areas Recorded: 4
Conservation Area Records: -
Comments: -

Taxon: *Erymophyllum ramosum* ssp. *involucratum*
Areas Recorded: 3, 4, 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Gilberta tenuifolia*
Areas Recorded: 6
Conservation Area Records: KNP
Comments: Northern limit of species range on Coburn Station

Taxon: *Gilruthia osbornei*
Areas Recorded: 6
Conservation Area Records: -
Comments: -

Taxon: *Gnaphalium polycaulon*

Areas Recorded: 1

Conservation Area Records: DINR

Comments: Previously listed as *G ?indulatum/polycaulon*. Southern limit of species range on Dorre Island

Taxon: *Gnephosis arachnoidea*

Areas Recorded: 5, 6

Conservation Area Records: -

Comments: -

Taxon: *Gnephosis brevifolia*

Areas Recorded: 5, 6

Conservation Area Records: KNP

Comments: -

Taxon: *Gnephosis foliata*

Areas Recorded: 4, 6

Conservation Area Records: CRNP

Comments: -

Taxon: *Gnephosis gynotricha*

Areas Recorded: 4, 5, 6

Conservation Area Records: -

Comments: -

Taxon: *Gnephosis pusilla*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Gnephosis tenuissima*

Taxon: *Gnephosis tenuissima*

Areas Recorded: 2, 3, 4, 6

Conservation Area Records: FPNP

Comments: Listed previously as *G. ?tenuissima*, however, the type comes from Shark Bay. May be largely confined to World Heritage Area

Taxon: *Gnephosis skirrophora*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Trichanthodium skirrophorum*

Taxon: *Gnephosis* sp "Billabong" (Nordenstam/Anderberg 203)

Areas Recorded: 6

Conservation Area Records: -

Comments: ?Northern limit

Taxon: *Haptotrichion colwillii*

Areas Recorded: 4, 6

Conservation Area Records: -

Comments: -

Taxon: *Helichrysum ayersii*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Schoenia ayersii*

Taxon: *Helichrysum davenportii*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Hamelin Station

Taxon: *Helichrysum lindleyi*

Areas Recorded: 6

Conservation Area Records: KNP

Comments: Northern limit of species range on Tamala Station

Taxon: *Helipterum condensatum*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Rhodanthe condensatum*

Taxon: *Helipterum craspedioides*

Areas Recorded: 5, 6

Conservation Area Records: KNP

Comments: -

Taxon: *Helipterum humboltiana*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Rhodanthe humboltiana*

Taxon: *Helipterum hyalospermum*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Hyalospermum glutinosum* ssp.
venustum

Taxon: *Helipterum oppositifolium*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Rhodanthe oppositifolium*

Taxon: *Helipterum splendidum*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Rhodanthe chlorocephalum* ssp. *splendidum*

Taxon: *Helipterum tenellum*

Areas Recorded: -

Conservation Area Records: -

Comments: Delete, material re-determined as *Eremophyllum tenellum*

Taxon: *Hyalosperma glutinosum* ssp. *venustum*

Areas Recorded: 6

Conservation Area Records: -

Comments: Northern limit of species range on Tamala Station

Taxon: **Hypochaeris glabra*

Areas Recorded: 2, 4

Conservation Area Records: FPNP

Comments: -

Taxon: *Millotia inopinata*

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Millotia myosotidifolia*

Areas Recorded: 2, 3, 4

Conservation Area Records: KNP

Comments: -

Taxon: *Minuria integerrima*

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Minuria leptophylla*

Areas Recorded: 5, 6

Conservation Area Records: CRNP

Comments: -

Taxon: *Myriocephalus guerinae*

Areas Recorded: 6

Conservation Area Records: -

Comments: -

Taxon: *Myriocephalus* sp (Nordenstam/Andenberg 188)
Areas Recorded: 6
Conservation Area Records: -
Comments: Only known collection

Taxon: *Myriocephalus* sp (Demarz 12152)
Areas Recorded: 6
Conservation Area Records: -
Comments: Only known collection

Taxon: *Olearia axillaris*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined as *Olearia dampieri*

Taxon: *Olearia dampieri* ssp. *dampieri*
Areas Recorded: 1, 2, 3, 4, 6
Conservation Area Records: KNP, CNR, FPNP, CRNP
Comments: -

Taxon: *Olearia occidentissima*
Areas Recorded: 2
Conservation Area Records: -
Comments: Endemic to World Heritage area, Previously listed as *Olearia* sp (A.S. George 11568)

Taxon: *Olearia pimeleoides*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, not known from World Heritage Area

Taxon: *Olearia revoluta*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, not known from World Heritage Area

Taxon: *Pluchea rubelliflora*
Areas Recorded: 5,6
Conservation Area Records: CRNP
Comments: -

Taxon: *Pluchea tetranthera*
Areas Recorded: 5
Conservation Area Records: CRNP
Comments: Southern limit of species range on Wooramel Station

Taxon: *Podolepis auriculata*
Areas Recorded: 5
Conservation Area Records: -
Comments: Southern limit on Wooramel Station

Taxon: *Podolepis canescens*
Areas Recorded: 2, 3, 4, 6
Conservation Area Records: KNP, FPNP
Comments: Not Northern limit, species extends to Giralia Station

Taxon: *Podolepis gardneri*
Areas Recorded: -
Conservation Area Records: -
Comments: Delete, material re-determined; not now within World Heritage area

Taxon: *Podolepis microcephala*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: FINR
Comments: Southern limit of species range on Tamala Station

Taxon: *Podotheca angustifolia*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: KNP, FINR
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Podotheca gnaphalioides*
Areas Recorded: 2, 3, 4, 6
Conservation Area Records: KNP, FPNP
Comments: Northern limit now Woodleigh Station, just east of area, slightly north of Dirk Hartog Island, and Denham

Taxon: *Pogonolepis stricta*
Areas Recorded: 2, 5
Conservation Area Records: KNP
Comments: -

Taxon: **Pseudognaphalium luteo-album*
Areas Recorded: 2
Conservation Area Records: KNP, CRNP
Comments: -

Taxon: *Rhodanthe chlorocephala* ssp. *splendida*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: -

Taxon: *Rhodanthe citrina*
Areas Recorded: 2, 3, 4, 5, 6
Conservation Area Records: KNP
Comments: -

Taxon: *Rhodanthe condensata*
Areas Recorded: 1, 2, 3, 4, 5, 6
Conservation Area Records: KNP, BINR, CNR
Comments: Northern limit now Kennedy Range

Taxon: *Rhodanthe cremea*
Areas Recorded: 5, 6
Conservation Area Records: -
Comments: Endemic to World Heritage Area

Taxon: *Rhodanthe humboldtiana*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: CRNP, FPNP, FINR
Comments: -

Taxon: *Rhodanthe maryonii*
Areas Recorded: 4, 6
Conservation Area Records: -
Comments: -

Taxon: *Rhodanthe oppositifolia* ssp. *oppositifolia*
Areas Recorded: 2, 3, 4, 6, 7
Conservation Area Records: FINR
Comments: Northern limit of species range on Dirk Hartog Island

Taxon: *Rhodanthe oppositifolia* ssp. *ornata*
Areas Recorded: 6
Conservation Area Records: -
Comments: Endemic to World Heritage area

Taxon: *Rhodanthe polycephala*
Areas Recorded: 2, 6
Conservation Area Records: -
Comments: -

Taxon: *Rhodanthe psammophila*
Areas Recorded: 5
Conservation Area Records: -
Comments: May be just outside World Heritage Area

Taxon: *Rhodanthe stricta*
Areas Recorded: 5, 6
Conservation Area Records: KNP, CRNP
Comments: -

Taxon: *Rhodanthe* sp "Overlander" (Short 2096)
Areas Recorded: 6
Conservation Area Records: -
Comments: Probably endemic to World Heritage Area

Taxon: *Schoenia ayersii*
Areas Recorded: 3, 6
Conservation Area Records: CRNP
Comments: -

Taxon: *Schoenia cassiniana*
Areas Recorded: 3, 4, 6
Conservation Area Records: CRNP, FPNP
Comments: -

Taxon: *Schoenia filifolia* ssp. *arenicola*
Areas Recorded: 5
Conservation Area Records: -
Comments: -

Taxon: *Senecio glossanthus*
Areas Recorded: 1, 2, 6
Conservation Area Records: DINR
Comments: -

Taxon: *Senecio gregorii*
Areas Recorded: 5
Conservation Area Records: KNP
Comments: -

Taxon: *Senecio lautus* ssp. *dissectifolius*
Areas Recorded: 1, 2, 3, 4, 6, 7
Conservation Area Records: CRNP, DINR, FPNP, CNR, ZNP, FINR, SBCP
Comments: Other subspecies records placed under this subspecies (ie *S. lautus* ssp. *lautus* and *S. lautus* ssp. *maritimus*)

Taxon: **Sonchus oleraceus*
Areas Recorded: 7
Conservation Area Records: FINR
Comments: -

Taxon: *Sondottia glabrata*
Areas Recorded: 5, 6
Conservation Area Records: FPNP
Comments: Endemic to World Heritage Area

Taxon: *Streptoglossa liatroides*
Areas Recorded: 5
Conservation Area Records: CRNP
Comments: -

Taxon: *Trichanthodium scarlettianum*
Areas Recorded: 2, 5, 6
Conservation Area Records: -
Comments: Apparently endemic to World Heritage Area

Taxon: *Trichanthodium skirrophorum*
Areas Recorded: 4, 6
Conservation Area Records: FPNP
Comments: -

Taxon: **Urospermum picroides*
Areas Recorded: 2, 6, 7
Conservation Area Records: FINR
Comments: -

Taxon: *Vittadinia cervicalaris* var *cervicularis*
Areas Recorded: 2
Conservation Area Records: -
Comments: Northern limit of varieties range on Dirk Hartog Island

Taxon: *Vittadinia cervicalaris* var *oldfieldii*
Areas Recorded: ?6
Conservation Area Records: -
Comments: Northern limit of varieties range just south of World Heritage Area

Taxon: *Waitzia acuminata* var *albicans*
Areas Recorded: 6
Conservation Area Records: -
Comments: Northern limit of species range on ?Coburn Station

Taxon: *Waitzia aurea*
Areas Recorded: 6
Conservation Area Records: -
Comments: Only collection states "Shark Bay Region"; Northern limit of species range

Taxon: *Waitzia corymbosa*
Areas Recorded: 3, 4, 6
Conservation Area Records: KNP
Comments: -

Taxon: *Waitzia podolepis*
Areas Recorded: 2, 4, 6, 7
Conservation Area Records: KNP, FINR
Comments: Type from Shark Bay

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